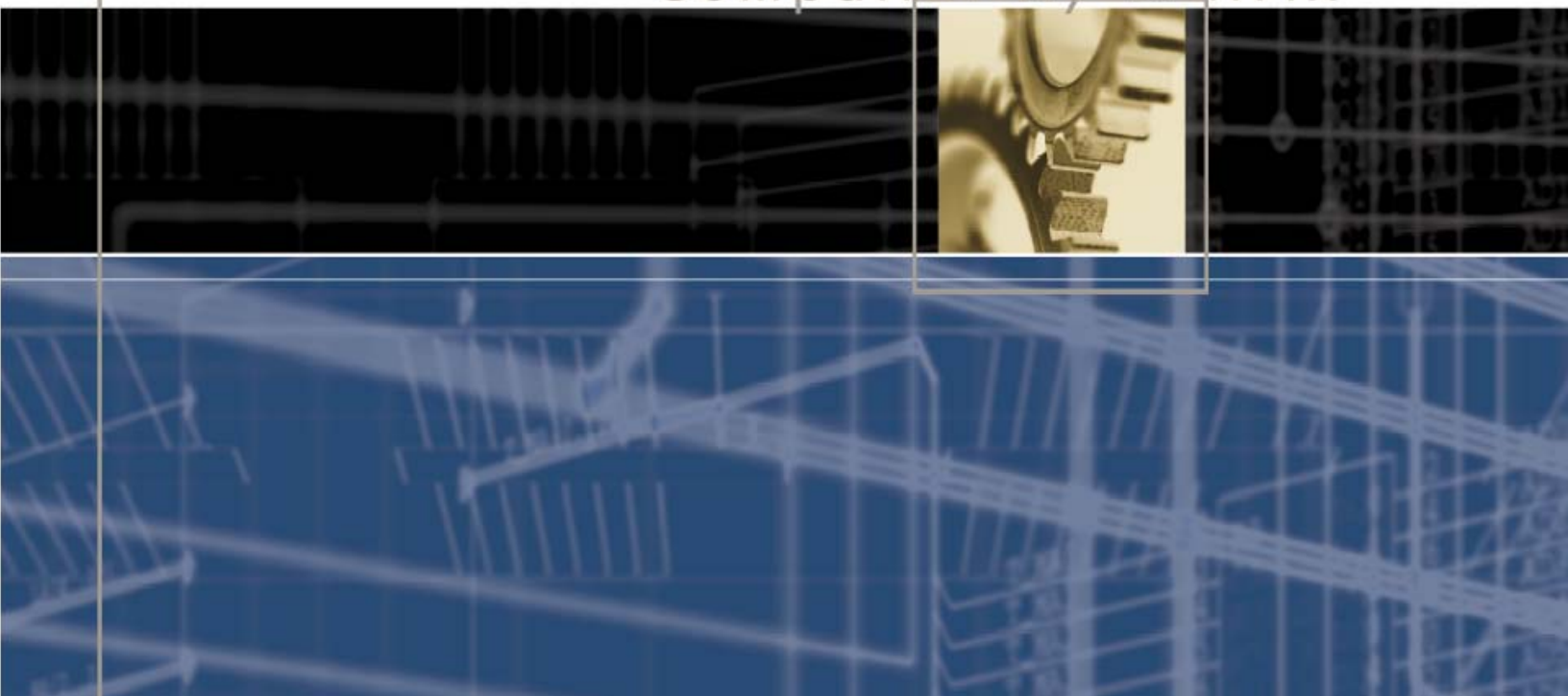




# Brocade Fabric Aware Compatibility Matrix



# SilkWorm® Switch Compatibility Statement

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This document details equipment that is known to be compatible with the Brocade SilkWorm family of switches, directors, and routers. Equipment tested at Brocade and tested by Brocade OEM and developer partners is reflected in these lists.

Brocade and our OEM and development partners have tested a wide variety of devices for compatibility with the Brocade SilkWorm family of switches, directors, and routers. The current list of Brocade products are listed on Brocade home page @ <http://www.brocade.com/products/index.jsp>. Based on product testing and operation of products in customer installations, the following Support and Compatibility guidelines have been generated for reference. The devices listed in this matrix are deemed compatible with Brocade products and supportable in a Brocade infrastructure. Brocade cannot provide direct support for the end nodes or applications listed in this document, but is committed to ensuring the Brocade infrastructure is operating correctly while integrating with these components. The components that are listed in this document are not guaranteed to work in all configurations, but Brocade is committed to help customers with a valid Brocade Support Contract to resolve any interoperability issues. For purposes of this document, compatibility is defined as having the ability to connect to the SilkWorm product, register with the name server (if appropriate), and support a moderate level of I/O. Users of this list should plan on validating their specific configuration with a level of testing appropriate to their application.

This document provides two areas for compatibility guidelines. The section titled "Brocade Supported Product Summary" provides an overview of devices that are compatible with a Brocade infrastructure. The Brocade SilkWorm family of products have received the most rigorous testing in the industry. No other switch vendor has as large of an installed base, nor as many customer installations that rely on SAN infrastructure on a daily basis. The section provides guidance on products that are known to be able to integrate with a Brocade infrastructure. To ensure proper integration, users should refer configuration details to their OEM or integrator supporting these devices. Brocade expects that the solution provider provide specific guidelines on the correct firmware, driver, and configuration settings required to ensure any specific needs are met.

The section titled "Fabric Aware Interoperability Matrix" provides interoperability data on products that have been tested in the Brocade Fabric Aware Partner qualification program. This program provides a key set of guidelines to ensure that partner's products meet the minimum requirements for interoperability in a networked storage environment. This section is intended to provide additional assurance that standard off-the-shelf components can integrate seamlessly into a Brocade infrastructure. This is intended as a reference only. By the date of publication of this document many vendors may offer more recent software support for their products. Users of this document should refer questions on end-to-end interoperability to their OEM or integration partner. Your support provider can assist with the proper configuration and tuning of your end-to-end solution to meet any specific business needs. The products listed in these two sections are considered supportable in a Brocade infrastructure.

In addition to the products tested by Brocade all of our OEM and Development Partners have extensive testing programs. Each of these partners maintains its own interoperability or support guidelines and can provide detailed information on the configurations they support. Products and product variants not specifically listed in this document can and may be supportable in a production SAN infrastructure. Your OEM or integration partner is the first reference for support questions on supported devices, fabric configuration, firmware or Fabric OS selection, and any settings for end-to-end solution deployment.

Many Brocade partners provide support information online for public access. Examples include but not limited to:

EMC

Information available in EMC Support Matrix documents @ <http://www.emc.com/interoperability/index.jsp>

HP

Information available in several SAN Design Reference Guide documents @ <http://h18006.www1.hp.com/products/storageworks/san/documentation.html>

IBM

Information available through online forms @ <http://www-1.ibm.com/servers/storage/support/san/index.html>

Brocade avoids the use of the term “certification” when it comes to interoperability testing. Brocade expects suppliers of complete solutions (OEM or integration partner) to provide details on configurations they have certified. . Products and product variants not specifically listed in this document can and may be supportable in a production SAN infrastructure. This document provides the basis for integrators to assemble working systems that they can support and certify. However, Brocade cannot certify that any components on this list, when attached to any other component via our switching products, will operate with no issues. Brocade is committed to actively testing and correcting any issues with our switch and work with partners to help resolve compatibility issues as they are reported.

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# Table of Contents

|                                                       |           |
|-------------------------------------------------------|-----------|
| <b>SilkWorm® Switch Compatibility Statement .....</b> | <b>2</b>  |
| <b>Brocade Product Support .....</b>                  | <b>10</b> |
| <b>Brocade Supported Product Summary .....</b>        | <b>14</b> |
| <b>HBA .....</b>                                      | <b>15</b> |
| Agilent.....                                          | 15        |
| Apple.....                                            | 15        |
| ATTO .....                                            | 15        |
| Emulex .....                                          | 15        |
| Fujitsu .....                                         | 19        |
| HP .....                                              | 20        |
| IBM.....                                              | 21        |
| JNI.....                                              | 24        |
| LSI Logic .....                                       | 25        |
| Qlogic.....                                           | 27        |
| Sun .....                                             | 29        |
| <b>Storage .....</b>                                  | <b>30</b> |
| 3PAR.....                                             | 30        |
| ATTO.....                                             | 30        |
| Apple.....                                            | 30        |
| Chaparral.....                                        | 30        |
| Dot Hill .....                                        | 30        |
| EMC.....                                              | 30        |
| Engenio .....                                         | 30        |
| Eurologic.....                                        | 30        |
| Fujitsu .....                                         | 30        |
| Fujitsu-Siemens.....                                  | 30        |
| HP .....                                              | 31        |
| Hitachi Data Systems.....                             | 31        |
| IBM.....                                              | 32        |
| Infortrend .....                                      | 32        |
| MTI .....                                             | 32        |
| NEC.....                                              | 32        |
| Network Appliance .....                               | 32        |
| Pillar Data Systems.....                              | 32        |
| Sun DMG (StorageTek).....                             | 33        |
| Sun .....                                             | 34        |
| XIOTech .....                                         | 34        |
| Xyratex.....                                          | 34        |
| <b>Tape.....</b>                                      | <b>34</b> |
| ADIC.....                                             | 34        |
| ATTO.....                                             | 34        |
| Chaparral.....                                        | 34        |
| CrossRoads .....                                      | 34        |
| HP .....                                              | 35        |
| IBM.....                                              | 35        |

|                                                     |           |
|-----------------------------------------------------|-----------|
| Quantum.....                                        | 36        |
| Spectra Logic .....                                 | 36        |
| Sun DMG (StorageTek).....                           | 36        |
| <b>Transceivers.....</b>                            | <b>37</b> |
| Agilent.....                                        | 37        |
| Finisar .....                                       | 37        |
| Infineon.....                                       | 37        |
| IBM.....                                            | 37        |
| <b>Operating System.....</b>                        | <b>38</b> |
| Apple.....                                          | 38        |
| HP .....                                            | 38        |
| IBM.....                                            | 38        |
| Microsoft.....                                      | 38        |
| Novell.....                                         | 38        |
| Red Hat .....                                       | 38        |
| SGI .....                                           | 38        |
| Sun .....                                           | 38        |
| SusE .....                                          | 38        |
| <b>Fabric Management Applications .....</b>         | <b>39</b> |
| AppIQ .....                                         | 39        |
| Computer Associates .....                           | 39        |
| CreekPath.....                                      | 39        |
| EMC.....                                            | 39        |
| HP .....                                            | 39        |
| Hitachi.....                                        | 39        |
| IBM.....                                            | 39        |
| InterSAN.....                                       | 39        |
| Invio .....                                         | 39        |
| Pillar Data Systems .....                           | 39        |
| Sanbolic.....                                       | 39        |
| Sun .....                                           | 40        |
| VERITAS.....                                        | 40        |
| <b>SAN Appliance .....</b>                          | <b>41</b> |
| Decru.....                                          | 41        |
| Finisar .....                                       | 41        |
| Kashya.....                                         | 41        |
| Mirapoint.....                                      | 41        |
| NeoScale .....                                      | 41        |
| ONStor .....                                        | 41        |
| Troika.....                                         | 41        |
| <b>Networked Solutions (including MAN/WAN).....</b> | <b>42</b> |
| ADVA Optical Networking.....                        | 42        |
| AFOP .....                                          | 42        |
| Alcatel.....                                        | 42        |
| Ciena Corporation.....                              | 42        |
| CNT.....                                            | 42        |
| Cisco .....                                         | 42        |

|                                             |           |
|---------------------------------------------|-----------|
| Dell.....                                   | 42        |
| Fibernet .....                              | 42        |
| Finisar .....                               | 42        |
| HP .....                                    | 43        |
| HuaWei .....                                | 43        |
| LightSand Communications.....               | 43        |
| Lucent Technologies.....                    | 43        |
| Luxn Inc .....                              | 43        |
| MRV Communications .....                    | 43        |
| NEC.....                                    | 43        |
| Nortel Networks.....                        | 43        |
| PacketLight Networks.....                   | 43        |
| Pandatel.....                               | 43        |
| RAD Data Communications Ltd.....            | 44        |
| SANRAD .....                                | 44        |
| SAN Valley Systems.....                     | 44        |
| Sorrento.....                               | 44        |
| Transmode.....                              | 44        |
| Zhone .....                                 | 44        |
| <b>SAN Applications.....</b>                | <b>45</b> |
| CommValut.....                              | 45        |
| Computer Associates .....                   | 45        |
| FalconStor .....                            | 45        |
| HP .....                                    | 45        |
| IBM.....                                    | 45        |
| Legato .....                                | 45        |
| RELDATA.....                                | 45        |
| VERITAS.....                                | 45        |
| <b>Compatibility Matrix by Vendor .....</b> | <b>46</b> |
| <b>HBA by Vendor.....</b>                   | <b>47</b> |
| Agilent.....                                | 48        |
| Apple.....                                  | 49        |
| ATTO.....                                   | 50        |
| Emulex .....                                | 51        |
| Fujitsu .....                               | 54        |
| HP .....                                    | 55        |
| IBM.....                                    | 56        |
| JNI.....                                    | 57        |
| LSI Logic .....                             | 58        |
| Qlogic.....                                 | 59        |
| Sun .....                                   | 60        |
| <b>Storage by Vendor .....</b>              | <b>61</b> |
| 3PAR.....                                   | 62        |
| Apple.....                                  | 63        |
| ATTO.....                                   | 64        |
| Chaparral.....                              | 65        |
| Dot Hill .....                              | 66        |

|                                             |            |
|---------------------------------------------|------------|
| EMC.....                                    | 67         |
| Engenio .....                               | 68         |
| Eurologic.....                              | 69         |
| Fujitsu .....                               | 70         |
| Fujitsu-Siemens.....                        | 71         |
| HP .....                                    | 72         |
| Hitachi Data Systems.....                   | 73         |
| IBM.....                                    | 74         |
| Imperial Technology .....                   | 75         |
| Infortrend .....                            | 76         |
| MTI .....                                   | 77         |
| NEC.....                                    | 78         |
| Network Appliance .....                     | 79         |
| Pillar Data Systems.....                    | 80         |
| Silicon Gear .....                          | 81         |
| Sun DMG (StorageTek).....                   | 82         |
| SUN.....                                    | 83         |
| XIOtech.....                                | 84         |
| Xyratex.....                                | 85         |
| <b>Tape by Vendor.....</b>                  | <b>86</b>  |
| ADIC.....                                   | 87         |
| ATTO.....                                   | 88         |
| Chaparral.....                              | 89         |
| CrossRoads .....                            | 90         |
| Quantum.....                                | 92         |
| Spectra Logic .....                         | 93         |
| Sun DMG (StorageTek).....                   | 94         |
| <b>Transceivers by Vendor .....</b>         | <b>95</b>  |
| Agilent.....                                | 96         |
| Finisar .....                               | 97         |
| IBM.....                                    | 98         |
| Infineon.....                               | 99         |
| <b>Operating System.....</b>                | <b>100</b> |
| Apple.....                                  | 101        |
| HP .....                                    | 102        |
| IBM.....                                    | 103        |
| Microsoft.....                              | 104        |
| Novell.....                                 | 105        |
| Red Hat .....                               | 106        |
| SGI .....                                   | 107        |
| Sun .....                                   | 108        |
| SusE .....                                  | 109        |
| <b>Fabric Management Applications .....</b> | <b>110</b> |
| Computer Associates .....                   | 111        |
| CreekPath.....                              | 112        |
| EMC.....                                    | 113        |
| HP .....                                    | 114        |

|                                                     |            |
|-----------------------------------------------------|------------|
| Hitachi.....                                        | 115        |
| IBM.....                                            | 116        |
| InterSAN.....                                       | 117        |
| Invio.....                                          | 118        |
| Pillar Data Systems.....                            | 119        |
| Sanbolic.....                                       | 120        |
| Sun.....                                            | 121        |
| VERITAS.....                                        | 122        |
| <b>SAN Appliance .....</b>                          | <b>123</b> |
| Decru.....                                          | 124        |
| Finisar.....                                        | 125        |
| Kashya.....                                         | 126        |
| MTI.....                                            | 127        |
| Mirapoint.....                                      | 128        |
| NeoScale.....                                       | 129        |
| OnStor.....                                         | 130        |
| Troika.....                                         | 131        |
| WinCom.....                                         | 132        |
| <b>Networked Solutions (including MAN/WAN).....</b> | <b>133</b> |
| ADVA Optical Networking.....                        | 134        |
| AFOP.....                                           | 135        |
| Alcatel.....                                        | 136        |
| Ciena Corporation.....                              | 137        |
| CNT.....                                            | 138        |
| Cisco.....                                          | 139        |
| Dell.....                                           | 140        |
| Fibernet.....                                       | 141        |
| Finisar.....                                        | 142        |
| Last Mile AG.....                                   | 143        |
| HP.....                                             | 144        |
| HuaWei.....                                         | 145        |
| LightSand Communications.....                       | 146        |
| Lucent Technologies.....                            | 147        |
| LuxN Inc.....                                       | 148        |
| MRV Communications.....                             | 149        |
| NEC.....                                            | 150        |
| Nortel Networks.....                                | 151        |
| PacketLight Networks.....                           | 152        |
| Pandatel AG.....                                    | 153        |
| RAD Data Communications Ltd.....                    | 154        |
| SANRAD.....                                         | 155        |
| SAN Valley Systems.....                             | 156        |
| Sorrento.....                                       | 157        |
| Transmode.....                                      | 158        |
| Zhone Technologies.....                             | 159        |
| <b>SAN Applications.....</b>                        | <b>160</b> |
| CommVault.....                                      | 161        |



|                                                                     |            |
|---------------------------------------------------------------------|------------|
| Computer Associates .....                                           | 162        |
| FalconStor .....                                                    | 163        |
| HP .....                                                            | 164        |
| IBM .....                                                           | 165        |
| Legato .....                                                        | 166        |
| RELDATA .....                                                       | 167        |
| VERITAS .....                                                       | 168        |
| <b>Brocade SilkWorm Scalability Support Matrix .....</b>            | <b>169</b> |
| <b>Scalability Support Matrix .....</b>                             | <b>170</b> |
| Table 1 Current SilkWorm Scalability support matrix .....           | 170        |
| Table 2 Legacy SilkWorm Scalability support matrix .....            | 171        |
| Table 3 Zoning Database Size .....                                  | 171        |
| Table 4 Security Database Size .....                                | 171        |
| <b>FC-FC Routing Support .....</b>                                  | <b>172</b> |
| Table 5 FC-FC Routing Support Matrix .....                          | 172        |
| Table 6 XPath OS v7.4.0 Supported Brocade Switches & Firmware ..... | 173        |
| Table 7 XPath OS v7.4.0 Supported McDATA Switches & Firmware .....  | 173        |
| <b>Appendix A: Glossary .....</b>                                   | <b>174</b> |

# Brocade Product Support

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SilkWorm Models

|                                        | SilkWorm<br>3200/3800<br>MSA SAN Switch<br>2/8                                    | SilkWorm<br>3250/3850<br>3014/3016                                                | SilkWorm 3900                                                                     | SilkWorm 12000                                                                    | SilkWorm 24000                                                                      | SilkWorm 48000                                                                      | SilkWorm 4100                                                                       | SilkWorm<br>200E/4012                                                               | SilkWorm<br>AP7420                                                                  |
|----------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                        |  |  |  |  |  |  |  |  |  |
| <b>FOS Supported (1)</b>               | 3.2.0a                                                                            | 5.0.1                                                                             | 5.0.1                                                                             | 5.0.1                                                                             | 5.0.1                                                                               | 5.0.1                                                                               | 5.0.1                                                                               | 5.0.1                                                                               | XPathOS 7.3.0c                                                                      |
| <b>Extended Fabric Support</b>         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |
| <b>Trunking</b>                        | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported(4)                                                                        |
| <b>Fabric Switch</b>                   | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |
| <b>Advanced Performance Monitoring</b> | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |                                                                                     |
| <b>Remote Switch</b>                   | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |                                                                                     |
| <b>Secure Fabric OS</b>                | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |                                                                                     |
| <b>Fabric Manager</b>                  | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |
| <b>Web Tools</b>                       | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |
| <b>IP Over FC (2)</b>                  | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |                                                                                     |
| <b>Transceivers (3)</b>                | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                         | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           | Supported                                                                           |

1. These are the latest Brocade OS releases for each platform this month and OEM's Fabric OS support versions may be different.
2. FARP Support (FOS v4.x). Host communication with switch via IP over FC, Telnet, SNMP, WebTools, and Fabric Manager. Host to host file copy supporting the following HBAs: Emulex LP9000; QLogic 2100, 2200.
3. Up to 100km is supported on switches running at 1Gbit/sec. Up to 60km is supported on switches running at 2Gbit/sec.
4. Exchange-based



## Brocade Product Descriptions

|                                                                     | MSA SAN Switch 2/8                                                                | SilkWorm 3014                                                                     | SilkWorm 3016                                                                     | SilkWorm 4012                                                                     | SilkWorm 3250                                                                       | SilkWorm 3850                                                                       | SilkWorm 3200                                                                       | SilkWorm 3800                                                                       | SilkWorm 3900                                                                       |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                     |  |  |  |  |  |  |  |  |  |
| <b>Port Count</b>                                                   | 6                                                                                 | 4                                                                                 | 2                                                                                 | 4                                                                                 | 8                                                                                   | 16                                                                                  | 8                                                                                   | 16                                                                                  | 32                                                                                  |
| <b>Rack Units</b>                                                   | Embedded                                                                          | Embedded                                                                          | Embedded                                                                          | Embedded                                                                          | 1U                                                                                  | 1U                                                                                  | 1U                                                                                  | 1U                                                                                  | 1.5U                                                                                |
| <b>Product Options</b>                                              |                                                                                   | VL2: 2 Switch Fabric                                                              |                                                                                   | VL2: 2 Switch Fabric                                                              | VL2: 2 Switch Fabric                                                                | VL2: 2 Switch Fabric                                                                | VL2: 2 Switch Fabric                                                                | VL2: 2 Switch Fabric                                                                |                                                                                     |
|                                                                     |                                                                                   | VL4: 4 Switch Fabric                                                              |                                                                                   |                                                                                   |                                                                                     | VL4: 4 Switch Fabric                                                                | VL4: 4 Switch Fabric                                                                | VL4: 4 Switch Fabric                                                                |                                                                                     |
|                                                                     | Full Fabric                                                                       | Full Fabric                                                                       | Full Fabric                                                                       | Full Fabric                                                                       | Full Fabric                                                                         | Full Fabric                                                                         | Full Fabric                                                                         | Full Fabric                                                                         | Full Fabric                                                                         |
| <b>Hardware Features</b>                                            |                                                                                   | 1 and 2Gbit/sec auto-sensing FC ports                                             | 1 and 2Gbit/sec auto-sensing FC ports                                             | 1, 2 and 4Gbit/sec auto-sensing FC ports                                          | Single Fixed Power Supply                                                           | Dual Fixed Power Supply                                                             | Single Fixed Power Supply                                                           | Dual Hot Swappable Power Supplies                                                   | Dual Hot Swappable Power Supplies                                                   |
|                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   | Fixed Redundant Fans                                                                | Fixed Redundant Fans                                                                | Fixed Redundant Fans                                                                | Two Hot Swappable Fans                                                              | Three Hot Swappable Fans                                                            |
|                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   | Table Top Or Rack-mount Kit                                                         | Table Top Or Rack-mount Kit                                                         | Table Top Or Rack-mount Kit                                                         | Table Top Or Rack-mount Kit                                                         | Table Top Or Rack-mount Kit                                                         |
| <b>ASIC</b>                                                         | Bloom 16-port 2Gb FC                                                              | BloomII 16-port 2Gb FC                                                            | BloomII 16-port 2Gb FC                                                            | Goldeneye 24-port 4Gb FC                                                          | BloomII 16-port 2Gb FC                                                              | BloomII 16-port 2Gb FC                                                              | Bloom 16-port 2Gb FC                                                                | Bloom 16-port 2Gb FC                                                                | Bloom 32-port 2Gb FC                                                                |
| <b>Media Types Hot-pluggable, Small Form-Factor Pluggable (SFP)</b> | Short Wavelength Laser (SWL)                                                      | Short Wavelength Laser (SWL)                                                      | Short Wavelength Laser (SWL)                                                      | Short Wavelength Laser (SWL)                                                      | Short Wavelength Laser (SWL)                                                        | Short Wavelength Laser (SWL)                                                        | Short Wavelength Laser (SWL)                                                        | Short Wavelength Laser (SWL)                                                        | Short Wavelength Laser (SWL)                                                        |
|                                                                     | Long Wavelength Laser (LWL)                                                       | Long Wavelength Laser (LWL)                                                       | Long Wavelength Laser (LWL)                                                       | Long Wavelength Laser (LWL)                                                       | Long Wavelength Laser (LWL)                                                         | Long Wavelength Laser (LWL)                                                         | Long Wavelength Laser (LWL)                                                         | Long Wavelength Laser (LWL)                                                         | Long Wavelength Laser (LWL)                                                         |
|                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   | Extended Long Wavelength (ELWL)                                                     | Extended Long Wavelength (ELWL)                                                     | Extended Long Wavelength (ELWL)                                                     | Extended Long Wavelength (ELWL)                                                     | Extended Long Wavelength (ELWL)                                                     |
| <b>Hot Code Activation</b>                                          | No                                                                                | Yes                                                                               | Yes                                                                               | Yes                                                                               | Yes                                                                                 | Yes                                                                                 | No                                                                                  | No                                                                                  | Yes                                                                                 |

## Brocade Product Descriptions

|                                                                     | SilkWorm 200E                                                                     | SilkWorm 4100                                                                     | SilkWorm 12000                                                                     | SilkWorm 24000                                                                      | SilkWorm 48000                                                                      | SilkWorm AP7420                                                                     |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                     |  |  |  |  |  |  |
| <b>Port Count</b>                                                   | 16                                                                                | 32                                                                                | 32, 64 or 128                                                                      | 32, 64 or 128                                                                       | 32, 64, 128 or 256                                                                  | 8 or 16                                                                             |
| <b>Rack Units</b>                                                   | 1                                                                                 | 1                                                                                 | 14U                                                                                | 14U                                                                                 | 14U                                                                                 | 2U                                                                                  |
| <b>Product Options</b>                                              | Ports on Demand                                                                   | Ports on Demand                                                                   |                                                                                    |                                                                                     |                                                                                     | Ports on Demand                                                                     |
|                                                                     |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                                                                     | Full Fabric                                                                       |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| <b>Hardware Features</b>                                            | Single Fixed Power Supply                                                         | Dual Hot Swappable Power Supplies                                                 | Quad Hot Swappable Power Supplies                                                  | Quad Hot Swappable Power Supplies                                                   | Quad Hot Swappable Power Supplies                                                   | Dual Hot Swappable Power Supplies                                                   |
|                                                                     | Fixed Redundant Fans                                                              | Two Hot Swappable Fans                                                            | Three Hot Swappable Fans                                                           | Three Hot Swappable Fans                                                            | Three Hot Swappable Fans                                                            | Two Hot Swappable Fans                                                              |
|                                                                     | Table Top Or Rack-mount Kit                                                       | Table Top Or Rack-mount Kit                                                       | Telco Or 4-post Rack-mount Kit                                                     | Telco Or 4-post Rack-mount Kit                                                      | Telco Or 4-post Rack-mount Kit                                                      | Table Top Or Rack-mount Kit                                                         |
| <b>ASIC</b>                                                         | Goldeneye 24-port 4Gb FC                                                          | Condor 32-port 4Gb FC                                                             | Bloom 16-port 2Gb FC                                                               | BloomII 16-port 2Gb FC                                                              | Condor 32-port 4Gb FC                                                               | FiGeRo 2Gb FC and GbE                                                               |
| <b>Media Types Hot-pluggable, Small Form-Factor Pluggable (SFP)</b> | Short Wavelength Laser (SWL)                                                      | Short Wavelength Laser (SWL)                                                      | Short Wavelength Laser (SWL)                                                       | Short Wavelength Laser (SWL)                                                        | Short Wavelength Laser (SWL)                                                        | Short Wavelength Laser (SWL)                                                        |
|                                                                     | Long Wavelength Laser (LWL)                                                       | Long Wavelength Laser (LWL)                                                       | Long Wavelength Laser (LWL)                                                        | Long Wavelength Laser (LWL)                                                         | Long Wavelength Laser (LWL)                                                         | Long Wavelength Laser (LWL)                                                         |
|                                                                     | Extended Long Wavelength (ELWL)                                                   | Extended Long Wavelength (ELWL)                                                   | Extended Long Wavelength (ELWL)                                                    | Extended Long Wavelength (ELWL)                                                     | Extended Long Wavelength (ELWL)                                                     | Extended Long Wavelength (ELWL)                                                     |
| <b>Hot Code Activation</b>                                          | Yes                                                                               | Yes                                                                               | Yes                                                                                | Yes                                                                                 | Yes                                                                                 | No                                                                                  |

## Brocade Supported Product Summary

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# HBA

| Vendor  | Product          | Supported OS            | Fabric Aware | Brocade SilkWorm Families Supported |                                 |               |                |       |                |         |   |    |   |
|---------|------------------|-------------------------|--------------|-------------------------------------|---------------------------------|---------------|----------------|-------|----------------|---------|---|----|---|
|         |                  |                         |              | 3200,<br>3800,<br>MSA<br>2/8        | 3014,<br>3016,<br>3250,<br>3850 | 200E,<br>4012 | 3900,<br>12000 | 24000 | 4100,<br>48000 | AP7420* |   |    |   |
|         |                  |                         |              |                                     |                                 |               |                |       |                | Fc      | R | Fi | I |
| Agilent | A5158A           | HP-UX 11.00             |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | HP-UX 11i               |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         | A5685A           | HP-UX 11i               |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         | A6685A           | HP-UX 11.00             |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | HP-UX 11i               |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         | A6795A           | HP-UX 11.00             |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | HP-UX 11.23             |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | HP-UX 11i               |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | HP-UX 11iv2             |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         | A6826A           | HP-UX 11.23             |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | HP-UX 11iv2             |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | Linux Red Hat AS 3.0 U3 |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | Suse 8 SP4 64-bit       |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | Suse 9 SP4 64-bit       |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
| Apple   | Xserve           | Mac OS X 10.4.3         | ✓            | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              |         |   |    |   |
| ATTO    | Express PCI 3300 | Win 2000                | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                | ✓       | ✓ | ✓  |   |
|         | Express PCI 2600 | Win 2000                | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                | ✓       | ✓ | ✓  |   |
| Emulex  | LP1000DC         | Linux Red Hat 9.0       |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Linux Red Hat ES3       |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | Linux 2.4.20-8          | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Linux Suse ES8          |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | OpenVMS 7.3-2           |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Solaris 2.6             |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Solaris 7               |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Solaris 8               | ✓            | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | Solaris 9               |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         |                  | Tru64 5.1B              |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Win 2000                | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Win NT 4.0              |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Win 2003 ENT            |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|         | LP1050           | Win 2000                | ✓            | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Win NT 4.0              |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|         |                  | Win 2003                |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              |         |   |    |   |
|         |                  | Linux Red Hat 9.0       |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |



# HBA

| Vendor | Product     | Supported OS         | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|-------------|----------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |             |                      |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |             |                      |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Emulex | LP1050DC    | Win 2000             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Win 2003 64-bit      |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP1050EX    | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LPE11000-M4 | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LPe11000    | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LPe1150     | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP11000-M4  | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP11000     | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP1150      | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP9802      | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Win 2000             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Win NT 4.0 EE        |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | AIX 5.1              |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | AIX 5.2              |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | AIX 5.3              |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | OpenVMS 7.3-2        |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Solaris 2.6          |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |             | Solaris 7            |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |             | Solaris 8            | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Solaris 9            |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Tru64 5.1B           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Linux Red Hat 9.0    |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP9802DC    | Win 2000             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |             | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Win 2003 64-bit      |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |             | Linux Red Hat ES3    |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Linux Suse ES8       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP982       | Win 2000             | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Win NT 4.0           | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |             | Linux 2.4.18-3       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |             | Linux Red Hat 2.1 AS | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |             | Linux Red Hat 9.0    |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        | LP9402DC    | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |             | Win 2003 ENT         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |             | Win NT 4.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |             | Solaris 2.6          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |             | Solaris 7            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |





## HBA

| Vendor | Product | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|---------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |         |                   |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |         |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
|        |         | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |         | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |         | Linux Red Hat 9.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |         | AIX 4.3.3         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



# HBA

| Vendor | Product      | Supported OS         | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|--------------|----------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |              |                      |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |              |                      |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Emulex | LP9002DC     | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|        |              | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Win NT 4.0           |              | ✓                                   | ✓                      |            |             |       |             |         |   |    |   |
|        |              | Solaris 2.6          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |              | Solaris 7            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |              | Solaris 8            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|        |              | Solaris 9            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|        |              | Linux Red Hat 9.0    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |              | Linux Red Hat ES3    |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Linux Suse ES8       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | AIX 4.3.3            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |              | HP-UX 11.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | LP9002L      | Win 2000             | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Win 2003 ENT         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Win NT 4.0 EE        | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Solaris 2.6          |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |              | Solaris 7            |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |              | Solaris 8            | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Solaris 9            |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Linux Suse SLES 7    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Linux Red Hat 9.0    |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |              | AIX 4.3.3            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |              | AIX 5.1              |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | AIX 5.2              |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Tru64 5.1B           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | HP-UX 11.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        | LP9002 PCI-X | Win 2000             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | LP952L       | Win 2000             | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |              | Win 2003 ENT         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |              | Win NT 4.0           | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |              | Linux Red Hat 9.0    |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |              | Linux Red Hat AS 2.1 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



# HBA

| Vendor  | Product          | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|---------|------------------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|         |                  |                   |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|         |                  |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Emulex  | LP9000           | Win 2000          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 9         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Linux Red Hat 9.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         | LP8000           | Win 2000          | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         |                  | Win 2003 ENT      |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         |                  | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  |   |
|         |                  | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|         |                  | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|         |                  | Solaris 8         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         |                  | Solaris 9         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|         |                  | Linux Red Hat 9.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|         |                  | AIX 4.3.3         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         |                  | HP-UX 11.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|         | LP850            | Win 2000          |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         |                  | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|         |                  | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            |             |       | ✓           |         | ✓ | ✓  |   |
|         |                  | Linux Red Hat 9.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|         | LP9002S          | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         | LP8000S          | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 7         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         |                  | Solaris 8         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         |                  | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         | LP7000           | Tru64 5.1A        |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Fujitsu | GP7B8FC1 (pfca)  | Solaris 9         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         | PW008FC2 (epfca) | Solaris 9         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



# HBA

| Vendor | Product                 | Supported OS            | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|-------------------------|-------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |                         |                         |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |                         |                         |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| HP     | Adaptec 9210            | Win 2000                |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Win NT 4.0              |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Agilent 5158A           | HP-UX 11.0              |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  |   |
|        | Agilent 6685A           | HP-UX 11.0              |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|        | Agilent 6795A           | HP-UX 11.0              |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  |   |
|        | Agilent 8602A           | Win 2000                |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Win NT 4.0              |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Agilent D8602B          | Win 2000                |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Win NT 4.0              |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | BL20P Balcony (QLA2312) | Linux Red Hat AS 3.0 U3 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | NetWare 6.0             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | Netware 6.5             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | SuSe SLES 8             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | SuSe SLES 9             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | Win 2000 AS             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | Win 2003 Ent            |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        | Cambex PC2000           | AIX 4.3.3               |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|        |                         | AIX 5.1                 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | AIX 5.2                 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |                         | AIX 5.3                 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        | Cambex PC2000LC         | AIX 5.1                 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        | Emulex LP8000           | OpenVMS 7.3             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Tru 64 5.1a             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Emulex 9002L            | Tru 64 5.1a             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Emulex LP9220           | OpenVMS 7.3             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | FCA2404                 | Win 2000                |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Win 2003 ENT            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | FCA2402DC               | Win 2000                |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Win 2003 ENT            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Qlogic QLA2200          | IRIX 6.5.9              |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Linux Red Hat 7.2       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                         | Linux SuSE 7.0          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



# HBA

| Vendor | Product            | Supported OS | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|--------------------|--------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |                    |              |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |                    |              |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| IBM    | HP Agilent A3404A  | HP-UX 11.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP Agilent A3591B  | HP-UX 11.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP Agilent A5158A  | HP-UX 11.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|        | HP Agilent A6684A  | HP-UX 11.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP Agilent A 6795A | HP-UX 11.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|        | Emulex LP7000E     | AIX 4.3.3    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win 2000     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win NT 4.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Emulex LP8000      | Solaris 2.6  |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Solaris 7    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Solaris 8    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Solaris 9    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win 2000     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win NT 4.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win 2003 ENT |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Emulex LP9002L     | Win 2000     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win NT 4.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win 2003 ENT |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Emulex LP9002DC    | Win 2000     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win NT 4.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win 2003 ENT |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Emulex LP9402DC    | Win 2000     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win NT 4.0   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                    | Win 2003 ENT |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



# HBA

| Vendor | Product        | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|----------------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |                |                   |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |                |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| IBM    | Emulex LP9802  | Win 2000          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Win NT 4.0        |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | 2766 (Disk)    | OS/400 V5R3       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | 2765 (Tape)    | OS/400 V5R3       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | 2787 (Disk)    | OS/400 V5R3       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | 5704 (Tape)    | OS/400 V5R3       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | 5716           | AIX 5.3           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | FC 6227        | AIX 4.3.3         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | AIX 5.1           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | AIX 5.2           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | FC 6228        | AIX 4.3.3         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | AIX 5.1           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | AIX 5.2           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | AIX 5.3           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | Linux SuSE SLES 8 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | FC 6239        | AIX 5.1           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | AIX 5.2           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | AIX 5.3           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | JNI FCE-6410   | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | JNI FCE-6460   | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | JNI FCE-6412   | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | JNI FCE-1063-N | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | JNI FCX-6562   | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                | Win 2000          |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



# HBA

| Vendor | Product         | Supported OS         | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|-----------------|----------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |                 |                      |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |                 |                      |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| IBM    | JNI FCX2-6562   | Solaris 2.6          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Solaris 7            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Solaris 8            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Solaris 9            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Qlogic QLA2100F | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Win NT 4.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Qlogic QLA2200F | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Win NT 4.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Qlogic QLA2300  | Linux Red Hat 7.1    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Linux Red Hat 7.2    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Linux Red Hat 7.3    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Linux Red Hat AS 2.1 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Qlogic QLA2300F | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                 | Win NT 4.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        | Qlogic QLA2310F | Linux Red Hat 7.2    |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                 | Linux Red Hat AS 2.1 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                 | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                 | Win NT 4.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        | Qlogic QLA2340L | Linux Red Hat 7.2    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Linux Red Hat 7.3    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Linux Red Hat AS 2.1 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Win NT 4.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Qlogic QLA2342L | Linux Red Hat 7.2    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Linux Red Hat 7.3    |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Linux Red Hat AS 2.1 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Win 2000             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Win NT 4.0           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                 | Win 2003 ENT         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



# HBA

| Vendor | Product   | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|-----------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |           |                   |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |           |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| JNI    | Z210      | Win 2000          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Win 2003 ENT      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | Z220      | Win 2000          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Win 2003 ENT      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        | FCX-6562  | Win 2000          | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |           | Win NT 4.0        |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |           | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        | FCX2-6562 | Win 2000          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Win NT 4.0        |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 8         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        | FCE2-6560 | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | FCE-6460  | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |           | Solaris 9         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | FCE-6410  | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Win 2000          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |           | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | FCE2-6410 | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |           | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |





# HBA

| Vendor    | Product      | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                                 |               |                |       |                |         |   |    |   |
|-----------|--------------|-------------------|--------------|-------------------------------------|---------------------------------|---------------|----------------|-------|----------------|---------|---|----|---|
|           |              |                   |              | 3200,<br>3800,<br>MSA<br>2/8        | 3014,<br>3016,<br>3250,<br>3850 | 200E,<br>4012 | 3900,<br>12000 | 24000 | 4100,<br>48000 | AP7420* |   |    |   |
|           |              |                   |              |                                     |                                 |               |                |       |                | Fc      | R | Fi | I |
| JNI       | FCE-1473     | Solaris 2.6       |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 7         |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 8         | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 9         |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|           | FCE2-1473    | Solaris 2.6       |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 7         |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 8         | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 9         |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         | ✓ | ✓  |   |
|           | FCE-1063     | Solaris 2.5.1     | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|           |              | Solaris 2.6       | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|           |              | Solaris 2.7       | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|           |              | Solaris 7         | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|           |              | Solaris 8         |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|           |              | Solaris 9         | ✓            | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|           | FC64-1063    | Solaris 2.6       |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|           |              | Solaris 2.7       | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|           |              | Solaris 7         |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|           |              | Solaris 8         |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|           |              | Solaris 9         | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
| LSI Logic | LSI7204XP-LC | Win 2003 ENT      | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|           | LSI7102XP-LC | Win 2000          | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Win 2003 ENT      | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 2.6       |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 7         |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 8         | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Solaris 9         |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Linux 2.4.18-4    | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Linux Red Hat 7.0 |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Linux Red Hat 7.1 |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Linux Red Hat 7.2 |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|           |              | Linux Red Hat 7.3 | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |



# HBA

| Vendor    | Product      | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|-----------|--------------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|           |              |                   |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|           |              |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| LSI Logic | LSI7202XP-LC | Win 2000          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Win 2003 ENT      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.1 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           | ITI7004G2-LC | Win 2000          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.1 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           | LSI449290    | Win 2000          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.1 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|           |              | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



# HBA

| Vendor | Product  | Supported OS            | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|----------|-------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |          |                         |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |          |                         |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Qlogic | QLA2460  | Win 2003 ENT            |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | QLA2342L | Win 2000                | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Win NT 4.0              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Win 2003 ENT            |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Solaris 2.6             |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 7               |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 8               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 9               |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 7.2       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 7.3       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 8.0       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 9.0       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat AS 3.0 U3 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | SUSE SLES 9             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | QLA2340  | Win 2000                | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Win NT 4.0              |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Win 2003 ENT            |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Solaris 2.6             |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 7               |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 8               | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Solaris 9               |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Linux Red Hat 7.2       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 7.3       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 8.0       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 9.0       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat AS 3.0 U3 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | NetWare 6.0             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | NetWare 6.5             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | SUSE SLES 9             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



# HBA

| Vendor | Product  | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|----------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |          |                   |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |          |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Qlogic | QLA2310  | Win 2000          | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Win NT 4.0        |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Win 2003 ENT      |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 8.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | Linux Red Hat 9.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |          | IRIX 6.5 IP35     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        | QLA2310F | Linux Red Hat 7.3 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Win 2000          |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Win NT 4.0        |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | QLA2300  | Win 2000          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Linux Red Hat 8.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |          | Linux Red Hat 9.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | QLA2300F | Linux Red hat 7.2 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Win 2000          |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Win 2003 ENT      |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |          | Win NT 4.0 EE     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



# HBA

| Vendor | Product           | Supported OS      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|-------------------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |                   |                   |              | 3200, 3800, MSA 2/8                 | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |                   |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Qlogic | QLA2200           | Win 2000          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                   | Win NT 4.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Win 2003 ENT      |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Solaris 2.6       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Solaris 7         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                   | Linux Red Hat 7.2 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Linux Red Hat 7.3 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Linux Red Hat 8.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Linux Red Hat 9.0 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Linux Red Hat ES3 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                   | Linux Suse ES8    |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | QLA2200F          | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Sun    | X6727A            | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | X6748A (QLA2202)  | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | X6757A            | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | X6767A (QLA2300F) | Solaris 8         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|        |                   | Solaris 10        |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | X6768A (QLA2312)  | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                   | Solaris 10        |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | X6799A            | Solaris 8         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        |                   | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|        | XPCI1FC-QF2       | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        | XPCI2FC-QF2       | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        | XPCI1FC-JF2       | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|        | XPCI2FC-JF2       | Solaris 9         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |



# Storage

| Vendor          | Product                        | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|-----------------|--------------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                 |                                |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                 |                                |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| 3PAR            | InServ Model S400              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                 | InServ Model S800              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| ATTO            | Diamond Storage Array          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Apple           | Xserve RAID                    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
| Chaparral       | Javelin RAID Controller JFS226 | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Dot Hill        | SANnet 7100                    | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| EMC             | 8000 Series                    |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                 | DMX Series                     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                 | FC 4700 Series                 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                 | CX Series                      |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Engenio         | 6998 Storage System            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                 | 5885 Storage System            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                 | 4884 Storage System            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                 | 2882 Storage System            | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Eurologic       | SANbloc FC2502                 | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Fujitsu         | ETERNUS3000                    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                 | ETERNUS6000                    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                 | GR 730                         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                 | GR 740                         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Fujitsu-Siemens | FibreCAT S80                   | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



## Storage

| Vendor               | Product                  | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|----------------------|--------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                      |                          |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                      |                          |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| HP                   | CSS2195                  |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | Enterprise Virtual Array |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | FC10                     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | FC60                     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | HSG60 (RA6000)           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | HSG80                    |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | HSV110 (EVA5000)         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | HSV200 (EVA4000)         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | HSV210 (EVA8000)         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | MSA1000                  |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | MSA1500 cs               |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | RA4000                   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | RA4100                   |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | StorageWorks XP128       | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | StorageWorks XP256       |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                      | StorageWorks XP512       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | StorageWorks XP1024      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | VA7100                   |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | VA7400                   |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | VA7410                   |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Hitachi Data Systems | Lightning 9900           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | Lightning 9900V          |              | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|                      | Lightning 9910           | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | Lightning 9960           |              | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|                      | Lightning 9970V          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                      | Lightning 9980V          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                      | R500                     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | Tagmistor Series         |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | Thunder 9200             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|                      | Thunder 9500V            | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



## Storage

| Vendor              | Product                                         | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|---------------------|-------------------------------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                     |                                                 |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                     |                                                 |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| IBM                 | 2145 (SVC)                                      |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | 3590E                                           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | Shark ESS800                                    |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | TotalStorage FastT Storage Server FastT 200     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     | TotalStorage FastT Storage Server FastT 500     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     | TotalStorage FastT Storage Server FastT 600     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | TotalStorage FastT Storage Server FastT 700     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | TotalStorage FastT Storage Server FastT 900     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     | TotalStorage Enterprise Storage Server 2105-800 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     | TotalStorage Enterprise Storage Server 2105-F20 |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| Infortrend          | EonStor A16F-R1211                              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| MTI                 | Vivant V400                                     | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
|                     | Vivant S200                                     | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
|                     | Vivant V30                                      | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
| NEC                 | S1400                                           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | S1500                                           | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | S2400                                           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | S2500                                           | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                     | S2800                                           |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Network Appliance   | F825                                            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     | F880                                            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     | F740                                            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     | FAS3050                                         |              | ✓                                   |                        | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
| Pillar Data Systems | Axiom 500                                       | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |





## Storage

| Vendor               | Product                  | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|----------------------|--------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                      |                          |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                      |                          |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Sun DMG (StorageTek) | BladeStore               |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | D280                     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | D240                     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | D220                     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | D178                     |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | D173                     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | FLC150                   |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | FLX280                   |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | FLX380                   |              |                                     |                        | ✓          |             | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | V2X Shared Virtual Array |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



## Storage

| Vendor  | Product      | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|---------|--------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|         |              |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|         |              |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Sun     | A5200        |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         | T3A          |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         | T3B          |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         | 39x0         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         | 61x0         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         | 69x0         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         | 99x0         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|         | 351xFC       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| XIOTech | Magnitude    | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
|         | Magnitude 3D | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
| Xyratex | SS-1201-FC   | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|         | SS-1202-FC   | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |

## Tape

| Vendor     | Product                | Type    | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|------------|------------------------|---------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|            |                        |         |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|            |                        |         |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| ADIC       | Scalar 100             | Library | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|            | Scalar 1000            |         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|            | Scalar 10K             |         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|            | Scalar i2000           |         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|            | Pathlight VX           |         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|            | Scalar 24              |         | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|            | Scalar i500            |         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
| ATTO       | FibreBridge 2300E/R/D  | Bridge  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|            | FibreBridge 4500R/D    |         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Chaparral  | Velocity Router VFS113 | Bridge  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|            | Velocity Router VFS226 |         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| CrossRoads | 4450 Storage Router    | Bridge  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|            | 4150 Storage Router    |         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|            | 4250 Storage           |         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



## Tape

| Vendor | Product                                   | Type       | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------|-------------------------------------------|------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|        |                                           |            |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|        |                                           |            |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
|        | Router                                    |            |              |                                     |                        |            |             |       |             |         |   |    |   |
|        | 8000 Storage Router                       |            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| HP     | HP 10/180                                 | Tape Drive |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP 20/700                                 |            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP 2/20                                   |            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP 4/40                                   |            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP 6/60                                   |            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | HP 6/140                                  |            |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| IBM    | TotalStorage Enterprise Tape System 3590E | Tape Drive | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | TotalStorage Enterprise Tape System 3590H |            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|        | TotalStorage Enterprise Tape System 3590J |            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |

## Tape

| Vendor               | Product                                         | Type        | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|----------------------|-------------------------------------------------|-------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                      |                                                 |             |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                      |                                                 |             |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| IBM                  | TotalStorage Ultrium Tape Library 3582          | Library     | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | TotalStorage Ultrium Scalable Tape Library 3583 |             | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                      | TotalStorage UltraScalable Tape Library 3584    |             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Quantum              | Super DLT1                                      | Tape Drive  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | P2000                                           | Library     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | P3000                                           |             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Spectra Logic        | Spectra 12000                                   | Library     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|                      | Spectra 64000                                   |             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Sun DMG (StorageTek) | T9840A                                          | Tape Drive  | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | T9840B                                          |             | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | T9840C                                          |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | T9940A                                          |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | T9940B                                          |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | SN6000                                          | Virtualizer |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                      | 3250.0                                          | Bridge      |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | 3300.0                                          |             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | 3400.0                                          |             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | L20                                             | Library     |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | L40                                             |             |              |                                     |                        |            |             |       |             |         | ✓ | ✓  |   |
|                      | L80                                             |             |              | ✓                                   | ✓                      |            | ✓           | ✓     |             |         | ✓ | ✓  |   |
|                      | L180                                            |             | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | L700e                                           |             | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | L1400M                                          |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|                      | L5500                                           |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | PowderHorn 9310                                 |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | SL500                                           |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |
|                      | SL8500                                          |             |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         | ✓ | ✓  |   |

# Transceivers

| Vendor      | Product            | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|-------------|--------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|             |                    |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|             |                    |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Agilent     | HF BR-5720L        | ✓            | ✓                                   |                        |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|             | AFBR-57R5AP        |              |                                     |                        | ✓          |             |       | ✓           | ✓       | ✓ | ✓  | ✓ |
| Finisar     | FTR-1319-3-2.5     | ✓            |                                     |                        |            |             |       |             |         |   |    |   |
|             | FTR-1519-3-2.5     | ✓            |                                     |                        |            |             |       |             |         |   |    |   |
|             | FTR-8519-3-2.5     | ✓            |                                     |                        |            |             |       |             |         |   |    |   |
|             | FTRJ-0019-7-BS2    |              |                                     |                        |            |             |       |             | ✓       | ✓ | ✓  | ✓ |
|             | FTRJ-1319-7D-2.5   |              | ✓                                   |                        |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|             | FTRJ-1419-P1BCL    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FTRJ-8519-7D-2.5   | ✓            | ✓                                   |                        |            | ✓           | ✓     |             | ✓       | ✓ | ✓  | ✓ |
|             | FTRJ-8519-7N-2.5   | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
|             | FTRJ-8519-P1BNL-B1 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FTRJ-1319-P1BTL-B1 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FTRJ8524P2BNV      |              |                                     |                        | ✓          |             |       | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FTRJ8524P2BNV-HP   |              |                                     |                        | ✓          |             |       |             |         |   |    |   |
|             | FWDM-1621-7D-47    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWDM-1621-7D-49    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWDM-1621-7D-51    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWDM-1621-7D-53    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWDM-1621-7D-55    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWDM-1621-7D-57    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWDM-1621-7D-59    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWDM-1621-7D-61    | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWS-MUX-DEMUX-8    |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|             | FWS-MUX-DEMUX-4    |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| Infineon    | V23848-M305-C56R   |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| IBM         | 1063 Mbps          | ✓            |                                     |                        |            |             |       |             |         |   |    |   |
|             | IBM42P21SNYAA10    | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
|             | FTR-8SOC-1063N-LW  | ✓            |                                     |                        |            |             |       |             |         |   |    |   |
| SmartOptics | Ter-4FCD-L         |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|             | Ter-4FCD-C51       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|             | Ter-4FCD-C53       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|             | Ter-4FCD-C55       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|             | Ter-4FCD-C57       |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |



# Operating System

| Vendor           | Product           | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|------------------|-------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                  |                   |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                  |                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| <b>Apple</b>     | Mac OS X          | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
| <b>HP</b>        | HP-UX 11.0        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                  | HP-UX 11.11 (11i) | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                  | OpenVMS           |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| <b>IBM</b>       | AIX 4.3.3         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                  | AIX 5.1           | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                  | AIX 5.2           |              |                                     |                        |            |             |       | ✓           |         |   |    |   |
|                  | Tru64 5.1A        |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                  | Tru64 5.1B        |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| <b>Microsoft</b> | Windows 2000      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                  | Windows NT 4.0    | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                  | Windows 2003      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| <b>Novell</b>    | Netware 6.5       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| <b>Red Hat</b>   | Linux 7.0         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Linux 7.1         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Linux 7.2         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                  | Linux 7.3         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                  | Linux AS 2.1      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                  | Linux AS 3.0      |              |                                     |                        |            |             |       | ✓           | ✓       | ✓ | ✓  | ✓ |
| <b>SGI</b>       | IRIX 6.5 IP35     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| <b>Sun</b>       | Solaris 2.6       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Solaris 7         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Solaris 8         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                  | Solaris 9         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                  | Solaris 10        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| <b>SusE</b>      | Linux 8.0         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



# Fabric Management Applications

| Vendor              | Product                                 | Supported OS                   | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|---------------------|-----------------------------------------|--------------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                     |                                         |                                |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                     |                                         |                                |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| ApplIQ              | Storage Resource Management 1.0         | Win 2000                       |              | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
| Computer Associates | BrightStor SAN Designer 1.0             | Win 2000                       | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
|                     |                                         | Win NT 4.0                     | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
|                     |                                         | Solaris 8                      | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
| CreekPath           | AIM Suite 2.5.2                         | Win 2000                       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     |                                         | Solaris 8                      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| EMC                 | Control Center 5.1.1                    |                                | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| HP                  | OpenView Storage Area Manager 2.2       | Win 2000                       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     |                                         | Win NT 4.0                     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     | SANLink                                 | Win 2000                       |              | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
|                     | Storage Apps sv3000                     | Win 2000                       |              | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
| Hitachi             | HiCommand Storage Services Manager      | Win 2000                       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| IBM                 | Tivoli Storage Area Network Manager 1.1 | Win 2000                       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                     |                                         | Win NT 4.0                     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| InterSAN            | PathLine 1.5                            | Win 2000                       | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
|                     |                                         | Solaris 8                      | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
| Invio               | Storage Practice Manager 1.0.100        | Win 2000                       | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
| Pillar Data Systems | Axiom Path Manager                      | Solaris 9                      | ✓            | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
| Sanbolic            | LaScala                                 | Win 2000<br>Win XP<br>Win 2003 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|                     | MelioFS                                 | Win 2000<br>Win XP<br>Win 2003 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |



## Fabric Management Applications

| Vendor  | Product                                                       | Supported OS | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|---------|---------------------------------------------------------------|--------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|         |                                                               |              |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|         |                                                               |              |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| Sun     | StorEdge Enterprise Storage Manager 3.0 Advanced Applications | Solaris 8    |              |                                     |                        |            |             |       |             |         |   |    |   |
|         |                                                               | Solaris 9    |              |                                     |                        |            |             |       |             |         |   |    |   |
| VERITAS | SANPoint Control 3.5                                          | Solaris 10   | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|         |                                                               | Win 2000     | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |
|         |                                                               | Solaris 8    | ✓            | ✓                                   |                        |            | ✓           |       |             |         |   |    |   |



# SAN Appliance

| Vendor           | Product                           | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|------------------|-----------------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                  |                                   |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                  |                                   |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| <b>Decru</b>     | DataFort FC520                    | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| <b>Finisar</b>   | NetWisdom Fibre Channel Probe     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Xgig Fibre Channel Analyzer       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| <b>Kashya</b>    | KBX5000 Data Protection Appliance | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| <b>Mirapoint</b> | Message Server M2500S             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Message Server M4000S             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Message Server M4500S             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| <b>NeoScale</b>  | Cryptostor FC 1002                | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                  | Cryptostor Tape Appliance         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| <b>ONStor</b>    | SF4400 SAN Filer                  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| <b>Troika</b>    | Accelera 1600                     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



## Networked Solutions (including MAN/WAN)

| Vendor                  | Product                                                 | Fabric Aware | Brocade SilkWorm Families Supported |                                 |               |                |       |                |         |   |    |   |
|-------------------------|---------------------------------------------------------|--------------|-------------------------------------|---------------------------------|---------------|----------------|-------|----------------|---------|---|----|---|
|                         |                                                         |              | 3200,<br>3800                       | 3014,<br>3016,<br>3250,<br>3850 | 200E,<br>4012 | 3900,<br>12000 | 24000 | 4100,<br>48000 | AP7420* |   |    |   |
|                         |                                                         |              |                                     |                                 |               |                |       |                | Fc      | R | Fi | I |
| ADVA Optical Networking | FSP2000                                                 | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|                         | FSP3000                                                 | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|                         | FSP-II                                                  | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
| AFOP                    | SpectraMux                                              |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
| Alcatel                 | 1696 Metro Span                                         | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
| Ciena Corporation       | CN2600 MultiService Edge Aggregator (ADM card)          | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|                         | CN2600 MultiService Edge Aggregator (Rate-tunable card) | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|                         | CN2000                                                  | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|                         | CN4200 Flex Select Advanced Services Platform           | ✓            | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
|                         | MultiWave Metro                                         |              | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|                         | ONLINE Metro                                            | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|                         |                                                         |              |                                     |                                 |               |                |       |                |         |   |    |   |
| CNT                     | UltraNet Edge Storage Router 1000                       | ✓            | ✓                                   |                                 |               | ✓              | ✓     |                |         |   |    |   |
|                         | UltraNet Edge Storage Router 3000                       | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
| Cisco                   | ONS 15540                                               | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|                         | SN 5420                                                 | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|                         | Metro 1500                                              |              | ✓                                   |                                 |               | ✓              | ✓     |                |         |   |    |   |
|                         | ONS 15252                                               |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|                         | ONS 15454                                               |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|                         | ONS 15530                                               |              | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
| Dell                    | Power Connect 6024                                      |              | ✓                                   | ✓                               | ✓             | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |
| Fibernet                | DUSAC-DWDM                                              |              |                                     | ✓                               |               | ✓              | ✓     |                |         |   |    |   |
|                         | CMUX4                                                   |              |                                     | ✓                               |               | ✓              |       |                |         |   |    |   |
| Finisar                 | OADM-1                                                  | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              |         |   |    |   |
|                         | MUX/DEMUX                                               | ✓            | ✓                                   | ✓                               |               | ✓              | ✓     | ✓              | ✓       | ✓ | ✓  | ✓ |



## Networked Solutions (including MAN/WAN)

| Vendor                   | Product                                        | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|--------------------------|------------------------------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                          |                                                |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                          |                                                |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| HP                       | Procurve 2824                                  |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| HuaWei                   | Metro6040                                      |              | ✓                                   |                        |            |             |       | ✓           | ✓       | ✓ |    |   |
|                          | Metro6100                                      |              | ✓                                   |                        |            |             |       | ✓           | ✓       | ✓ |    |   |
|                          | Optix3500                                      |              | ✓                                   |                        |            |             |       | ✓           | ✓       | ✓ |    |   |
|                          | Optix2500                                      |              | ✓                                   |                        |            |             |       | ✓           | ✓       | ✓ |    |   |
| LightSand Communications | S-600B                                         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                          | i-8100                                         | ✓            |                                     | ✓                      |            | ✓           |       |             |         |   |    |   |
| Lucent Technologies      | DMX LNW73                                      | ✓            | ✓                                   | ✓                      |            |             | ✓     | ✓           | ✓       | ✓ |    |   |
| Luxn Inc                 | WS 3217                                        | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                          | WS 3234                                        |              |                                     |                        |            |             |       |             |         |   |    |   |
|                          | WS 1608                                        |              |                                     |                        |            |             |       |             |         |   |    |   |
| MRV Communications       | Lambda Driver LD800                            | ✓            | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
| NEC                      | SpectralWave MG2000                            | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Nortel Networks          | Optical Metro 5000 series: OCI 1.25Gb          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | Optical Metro 5000 series: OTR 2.5Gb           | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                          | Optical Metro 5000 series: OCI GbE/FC SRM      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | Optical Metro 5000 series: OCI Enhanced GbE/FC | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                          | Optical Metro 5000 series: 10Gb MOTR Rel 7.0   |              | ✓                                   | ✓                      |            |             |       | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | Optical Metro 5000 series: 10Gb MOTR Rel 8.0   | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | Optical Metro 3500                             |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                          |                                                |              |                                     |                        |            |             |       |             |         |   |    |   |
| PacketLight Networks     | PL-10                                          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | PL-20                                          | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | PL-100                                         | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | PL 16000                                       | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                          | PL OC48T2                                      | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Pandatel                 | YUMIX-400E                                     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                          | YUMIX-400M                                     | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |



## Networked Solutions (including MAN/WAN)

| Vendor                       | Product                  | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|------------------------------|--------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                              |                          |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                              |                          |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| RAD Data Communications Ltd. | FCS-155                  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
|                              | FCS-622                  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           | ✓       | ✓ | ✓  | ✓ |
| SANRAD                       | V-Switch 2000            |              | ✓                                   |                        |            | ✓           | ✓     |             |         |   |    |   |
| SAN Valley Systems           | SL-1000                  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Sorrento                     | GIGAMUX 6400             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
| Transmode                    | System 1100: Module 5400 | ✓            | ✓                                   | ✓                      |            | ✓           |       | ✓           | ✓       | ✓ | ✓  | ✓ |
|                              | System 1100: Module 7700 | ✓            | ✓                                   | ✓                      |            | ✓           |       | ✓           | ✓       | ✓ | ✓  | ✓ |
| Zhone                        | GIGAMUX 6400             | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                              | WS 3217                  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                              | WS 3234                  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |
|                              | WS 1608                  | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     |             |         |   |    |   |



# SAN Applications

| Vendor              | Product                           | Supported OS           | Fabric Aware | Brocade SilkWorm Families Supported |                        |            |             |       |             |         |   |    |   |
|---------------------|-----------------------------------|------------------------|--------------|-------------------------------------|------------------------|------------|-------------|-------|-------------|---------|---|----|---|
|                     |                                   |                        |              | 3200, 3800                          | 3014, 3016, 3250, 3850 | 200E, 4012 | 3900, 12000 | 24000 | 4100, 48000 | AP7420* |   |    |   |
|                     |                                   |                        |              |                                     |                        |            |             |       |             | Fc      | R | Fi | I |
| CommValut           | Galaxy Backup and Recovery        | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| Computer Associates | BrightStor ARCserve Backup        | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     | BrightStor Enterprise Backup      | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| FalconStor          | IPStor                            | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| HP                  | OpenView Omniback II              | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| IBM                 | Tivoli Storage Manager            | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     |                                   | Solaris 8              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| Legato              | Networker                         | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     |                                   | Solaris 8              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
| RELDATA             | IP Storage Gateway 9200           | ✓                      | ✓            | ✓                                   |                        | ✓          | ✓           | ✓     |             |         |   |    |   |
| VERITAS             | NetBackup                         | Solaris 8              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     | VXFS File System                  | Solaris 8              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     | VXVM Volume Manager including DMP | Win 2000               | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     |                                   | Solaris 8              | ✓            | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     | Cluster Server                    | Win 2000               |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     |                                   | Solaris 8              |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     | Volume Replicator                 | HP-UX 11i              |              | ✓                                   | ✓                      |            | ✓           | ✓     | ✓           |         |   |    |   |
|                     | Command Central Management Server | Win2000<br>Win2003     |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |
|                     |                                   | Solaris 8<br>Solaris 9 |              | ✓                                   | ✓                      | ✓          | ✓           | ✓     | ✓           |         |   |    |   |



## Compatibility Matrix by Vendor

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## HBA by Vendor

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|                 |    |
|-----------------|----|
| Agilent.....    | 48 |
| Apple.....      | 49 |
| ATTO.....       | 50 |
| Emulex .....    | 51 |
| Fujitsu .....   | 54 |
| HP .....        | 55 |
| IBM.....        | 56 |
| JNI.....        | 57 |
| LSI Logic ..... | 58 |
| Qlogic.....     | 59 |

## HBA by vendor

### Agilent

| Product Name | OS Vendor | OS Version | Service Pack/Patch      | Firmware | Driver     | Port Speed (GB/s) | SilkWorm Models                                                                                                              |
|--------------|-----------|------------|-------------------------|----------|------------|-------------------|------------------------------------------------------------------------------------------------------------------------------|
| A5158A       | HP-UX     | 11.00      | B.11.00.0309.5 or later | na       | PHSS_26798 | 1                 | 3200<br>3800<br>MSA 2/8<br>3014<br>3016<br>3250<br>3850<br>200E<br>4012<br>3900<br>12000<br>24000<br>4100<br>48000<br>AP7420 |
|              |           | 11i        | B.11.11.0309.4 or later |          | PHSS_26799 |                   |                                                                                                                              |
| A5685A       |           |            |                         |          |            |                   |                                                                                                                              |
| A6685A       |           | 11.00      | B.11.00.0309.5 or later |          | PHSS_26798 |                   |                                                                                                                              |
|              |           | 11i        | B.11.11.0309.4 or later |          | PHSS_26799 | 2                 |                                                                                                                              |
| A6795A       |           | 11.00      | B.11.00.0309.5 or later |          | PHSS_26798 |                   |                                                                                                                              |
|              |           |            |                         |          |            |                   |                                                                                                                              |
|              |           | 11.23      | B.11.23.v2              |          | B.11.23.02 |                   |                                                                                                                              |
|              |           | 11i        | B.11.11.0309.4 or later |          | PHSS_26799 |                   |                                                                                                                              |
|              |           | 11iv2      |                         |          | B.11.11.09 |                   |                                                                                                                              |
| A6826A       |           | 11.23      | B.11.23                 |          | B.11.23.01 |                   |                                                                                                                              |
|              | 11iv2     |            | B.11.11.09              |          |            |                   |                                                                                                                              |



## HBA by vendor

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### Apple

| Product Name | OS Vendor | OS Version      | Service Pack | Firmware | Driver | Port Speed (GB/s) | SilkWorm Models                                                                           |
|--------------|-----------|-----------------|--------------|----------|--------|-------------------|-------------------------------------------------------------------------------------------|
| Xserve       | Apple     | Mac OS X 10.4.3 |              | 01.02.11 |        | 2                 | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, |

## HBA by vendor

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### ATTO

| Product Name     | OS Vendor | OS Version | Service Pack | Firmware | Driver | Port Speed (GB/s) | SilkWorm Models                                        |
|------------------|-----------|------------|--------------|----------|--------|-------------------|--------------------------------------------------------|
| Express PCI 3300 | Windows   | 2000       | 2            | 1.1.4    | 1.1.4  | 1                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Express PCI 2600 |           |            |              | 2.2.0    | 2.2.0  | 2                 |                                                        |

**Emulex**

## Emulex Continued

| Product Name                       | OS Vendor | OS Version     | Service Pack | Firmware | Driver        | Port Speed | SilkWorm Models                                                                                  |
|------------------------------------|-----------|----------------|--------------|----------|---------------|------------|--------------------------------------------------------------------------------------------------|
| LPE11000-M4<br>LPe11000<br>LPe1150 | Windows   | 2003           |              |          |               |            | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| LP11000-M4<br>LP11000<br>LP1150    | Windows   | 2003           |              |          |               |            | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| LP10000DC                          | Linux     | 2.4.20-8       | n/a          | 1.90a4   | 4.30l         | 2          | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
|                                    | Windows   | 2000           | 3            |          | 5.5.10a10     |            |                                                                                                  |
|                                    |           | 2003 ENT       | SP1          |          |               |            |                                                                                                  |
|                                    | Solaris   | 8              |              |          | 6.01f         |            |                                                                                                  |
|                                    |           | 9              |              |          |               |            |                                                                                                  |
|                                    | OpenVMS   | 7.3-2          |              |          | cd3.91a1      |            |                                                                                                  |
|                                    | Tru64     | 5.1B           |              | dd3.91a1 | EMX2.06       |            |                                                                                                  |
| LP8000                             | AIX       | 4.3.3          | n/a          | 3.92a2   | 4.1.0.5       | 1          |                                                                                                  |
|                                    | HP-UX     | 11.0           |              |          | 4.10.01       |            |                                                                                                  |
|                                    | Solaris   | 8              |              |          | 6.01f         |            |                                                                                                  |
|                                    | Windows   | 2000           | 2            |          | 5-2.12a1      |            |                                                                                                  |
|                                    |           |                | 3            |          | 4-2.13a4      |            |                                                                                                  |
|                                    |           |                |              |          | 5-4.53a5      |            |                                                                                                  |
|                                    |           |                | 4            |          | 5-5.10.a10    |            |                                                                                                  |
|                                    | NT 4.0    | 6              | 4-4.53a5     |          |               |            |                                                                                                  |
|                                    |           |                | 4-2.13a4     |          |               |            |                                                                                                  |
|                                    |           |                | 4-4.53a5     |          |               |            |                                                                                                  |
|                                    | 2003 ENT  | SP1            | 5-5.10.a10   |          |               |            |                                                                                                  |
| LP8000S                            | Solaris   | 7              | n/a          | 3.03     | 2.10a1        | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                           |
| LP850                              | Windows   | NT 4.0         | 6            | 3.90a7   | 4-4.53a5      |            | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
|                                    |           | 2000           | SP2          | 3.81a1   | 5-2.11a2      |            |                                                                                                  |
| LP982                              | Linux     | Red Hat AS 2.1 | 2.4.9-E.10   | 1.00a2   | 4.20q(32-bit) | 2          |                                                                                                  |
|                                    | Windows   | 2000           | SP3          | 1.90a4   | 2.23a6        |            |                                                                                                  |
|                                    |           | 2003           |              |          |               |            |                                                                                                  |
| LP9000                             | Windows   | NT 4.0         | 6            | 3.82a1   | 4-4.53a5      | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                           |
| LP9002DC                           | Solaris   | 8              |              | 3.91a1   | V6.00g        | 2          | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
|                                    |           | 9              |              | 3.90a7   | 6.01f         |            |                                                                                                  |
|                                    | Windows   | 2000           | 2            | 3.92a2   | 5-4.81a4      |            |                                                                                                  |
|                                    |           | 2003 ENT       | SP1          |          | 5-5.10.a10    |            |                                                                                                  |
| LP9002L                            | AIX       | 4.3.3          |              | 4.1.05   | n/a           | 2          |                                                                                                  |
|                                    |           | 5.1            | ML5          | 3.91a1   |               |            |                                                                                                  |
|                                    |           | 5.2            | ML2          |          |               |            |                                                                                                  |
|                                    | Linux     | SusE 7.0       |              | 3.90a7   | 4.20q         |            |                                                                                                  |
|                                    | Solaris   | 8              |              | 3.82a1   | 4.20k         |            |                                                                                                  |
|                                    |           | 9              |              | 3.91a1   | 6.00g         |            |                                                                                                  |
|                                    | Tru64     | 5.1B           | Patch 05     | 3.82a1   | 2.06          |            |                                                                                                  |
|                                    | Windows   | 2000           | 2            | 3.82a1   | 5-4.81a4      |            |                                                                                                  |
|                                    |           |                |              |          | 5-2.12a1      |            |                                                                                                  |
|                                    |           |                | 3            | 3.90a7   | 5-4.82a4      |            |                                                                                                  |
|                                    |           |                | 4            |          | 5-5.01a0-1    |            |                                                                                                  |
|                                    |           | NT 4.0         | 6a           | 3.90a7   | 4-2.13a4      |            |                                                                                                  |
|                                    |           |                |              | 3.82a1   | 4-4.53a5      |            |                                                                                                  |
|                                    |           |                |              | 3.90a7   | 5-5.01a0-1    |            |                                                                                                  |
|                                    |           | 2003 ENT       | SP1          |          |               |            |                                                                                                  |

 BROCADE

Brocade Compatibility Matrix, April 17, 2006

Page 52



BROCADE

Brocade Compatibility Matrix, April 17, 2006

## Emulex Continued

| Product Name | OS Vendor     | OS Version     | Service Pack       | Firmware   | Driver      | Port Speed | SilkWorm Models                                                                                  |            |
|--------------|---------------|----------------|--------------------|------------|-------------|------------|--------------------------------------------------------------------------------------------------|------------|
| LP9402DC     | Windows       | 2000           | 1                  | 3.82a1     | 5-4.81a4    | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                           |            |
|              |               |                |                    |            | 5-2.12a1    |            |                                                                                                  |            |
| LP952L       | Windows       | 2000           | 4                  | 3.90a7     | 5-5.01a0-1  |            | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |            |
|              |               | NT 4.0         | 6                  | 3.82a1     | 4-4.53a5    |            |                                                                                                  |            |
|              |               |                |                    | 3.90a7     | 4-4.82a4    |            |                                                                                                  |            |
|              | Linux Red Hat | AS 2.1         | 2.4.9-e27 kernel   |            |             |            |                                                                                                  |            |
| LP9802       | AIX           | 5.1            | ML5                | 1.00a2     | Bundle      |            |                                                                                                  |            |
|              |               | 5.2            | ML2                |            |             |            |                                                                                                  |            |
|              |               | 5.3            |                    |            |             |            |                                                                                                  |            |
|              | OpenVMS       | 7.3-2          |                    |            | Cd3.91a1    |            |                                                                                                  |            |
|              | Solaris       | 8              | Generic_10 8528-23 | 1.00a2     | V6.00g      |            |                                                                                                  |            |
|              |               | 9              | Generic_11 7171-15 | 1.90a4     | 6.01f       |            |                                                                                                  |            |
|              | Tru64         | 5.1B           |                    | Dd3.91a1   | EMX2.06     |            |                                                                                                  |            |
|              | Windows       | NT 4.0 EE      | SP6a               | 1.01x2     | 4-5.00a10-1 |            |                                                                                                  |            |
|              |               | 2000           | SP4                | 1.01a2     | V5.01a2     |            |                                                                                                  |            |
|              |               | 2003           | SP1                |            |             |            |                                                                                                  |            |
| LP9802DC     | Windows       | 2000           | SP4                | 1.90a4     | 5-5.10.a10  |            |                                                                                                  |            |
|              |               | 2003           | SP1                |            |             |            |                                                                                                  |            |
|              |               | 2003 64bit     |                    |            | 6-5.10.a10  |            |                                                                                                  |            |
|              |               |                |                    |            |             |            |                                                                                                  |            |
| LP7000       | Tru64         | 5.1A           | Patch kit 03       | 3.82a1     | 2.06        | 1          | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |            |
| LP982        | Linux         | 2.4.18-3       | n/a                | 1.00a2     | 4.20q       |            | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100                                     |            |
|              |               | Red Hat 2.1 AS |                    |            |             |            |                                                                                                  |            |
|              | Windows       | 2000           | 3                  |            | 5-2.20a12   |            |                                                                                                  |            |
|              |               | NT 4.0         | 6                  |            | 4-2.13a4    |            |                                                                                                  |            |
| LP1050DC     |               | 2000           | SP4                | 5-5.10.a10 | 1.90a4      | 2          | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |            |
|              |               | 2003 ENT       | SP1                |            |             |            |                                                                                                  |            |
|              |               | 2003 64-bit    |                    |            |             |            |                                                                                                  | 6-5.10.a10 |
|              |               | 2003 ENT       | SP1                |            |             |            |                                                                                                  | 5-5.10.a10 |

## HBA by vendor

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### Fujitsu

| Product Name     | OS Vendor | OS Version | Service Pack | Firmware | Driver                | Port Speed (GB/s) | SilkWorm Models                                                                                  |
|------------------|-----------|------------|--------------|----------|-----------------------|-------------------|--------------------------------------------------------------------------------------------------|
| GP7B8FC1 (pfca)  | Solaris   | 9          | n/a          |          | 912069.12.tar.Z patch | 1                 | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| PW008FC2 (epfca) | Solaris   | 9          | n/a          |          | 912069.12.tar.Z patch | 2                 |                                                                                                  |

## HBA by vendor

### HP

| Product Name            | OS Vendor               | OS Version | Service Pack   | Firmware | Driver       | Port Speed (GB/s) | SilkWorm Models                                                                                                              |
|-------------------------|-------------------------|------------|----------------|----------|--------------|-------------------|------------------------------------------------------------------------------------------------------------------------------|
| Adaptec 9210            | Win 2000                |            |                |          |              |                   | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100                                                                 |
|                         | Win NT 4.0              |            |                |          |              |                   |                                                                                                                              |
| Agilent 5158A           | HP-UX 11.0              |            |                |          |              | 1                 | 3200<br>3800<br>MSA 2/8<br>3014<br>3016<br>3250<br>3850<br>200E<br>4012<br>3900<br>12000<br>24000<br>4100<br>48000<br>AP7420 |
| Agilent 6685A           | HP-UX 11.0              |            |                |          |              | 2                 |                                                                                                                              |
| Agilent 6795A           | HP-UX 11.0              |            |                |          |              |                   |                                                                                                                              |
| Agilent 8602A           | Win 2000                |            |                |          |              |                   |                                                                                                                              |
|                         | Win NT 4.0              |            |                |          |              |                   |                                                                                                                              |
| Agilent D8602B          | Win 2000                |            |                |          |              |                   |                                                                                                                              |
|                         | Win NT 4.0              |            |                |          |              |                   |                                                                                                                              |
| BL20P Balcony (QLA2312) | Linux Red Hat AS 3.0 U3 |            | 2.4.21-20EL    | 3.02.28  | 7.00.01      |                   |                                                                                                                              |
|                         | NetWare 6.0             |            | SP5            |          | 6.51B        |                   |                                                                                                                              |
|                         | Netware 6.5             |            | SP2            |          |              |                   |                                                                                                                              |
|                         | SuSe SLES 8             |            | 2.4.21-251 SMP |          | 8            |                   |                                                                                                                              |
|                         | SuSe SLES 9             |            | 2.6.5-7.108    |          |              |                   |                                                                                                                              |
|                         | Win 2000 AS             |            | SP4            |          | 9.0.1.14     |                   |                                                                                                                              |
|                         | Win 2003 Ent            |            | SP1            |          |              |                   |                                                                                                                              |
| Cambex PC2000           | AIX 4.3.3               |            |                |          |              | 3.02.10           |                                                                                                                              |
|                         | AIX 5.1                 |            |                |          |              |                   |                                                                                                                              |
|                         | AIX 5.2                 |            | 5200-04        |          | 1.5.23.2     |                   |                                                                                                                              |
|                         | AIX 5.3                 |            | 5300-01        |          |              |                   |                                                                                                                              |
| Cambex PC2000LC         | AIX 5.1                 |            |                |          | FCP2.5.10.15 |                   |                                                                                                                              |
| Emulex LP8000           | OpenVMS 7.3             |            |                |          |              |                   |                                                                                                                              |
|                         | Tru 64 5.1a             |            |                |          |              |                   |                                                                                                                              |
| Emulex 9002L            | Tru 64 5.1a             |            |                |          |              |                   |                                                                                                                              |
| Emulex LP9220           | OpenVMS 7.3             |            |                |          |              |                   |                                                                                                                              |
| FCA2404                 | Win 2000                |            |                |          |              |                   |                                                                                                                              |
|                         | Win 2003 ENT            |            |                |          |              |                   |                                                                                                                              |
| FCA2402DC               | Win 2000                |            |                |          |              |                   |                                                                                                                              |
|                         | Win 2003 ENT            |            |                |          |              |                   |                                                                                                                              |
| Qlogic QLA2200          | IRIX 6.5.9              |            |                |          |              |                   |                                                                                                                              |
|                         | Linux Red Hat 7.2       |            |                |          |              |                   |                                                                                                                              |
|                         | Linux SusE 7.0          |            |                |          |              |                   |                                                                                                                              |

## HBA by vendor

### IBM

| Product Name | OS Vendor | OS Version  | Service Pack | Firmware     | Driver       | Port Speed | SilkWorm Models                                                                                                              |
|--------------|-----------|-------------|--------------|--------------|--------------|------------|------------------------------------------------------------------------------------------------------------------------------|
| 2766 (Disk)  | OS/400    | V5R3        | 5.2.0.0      | 1.00X5       | 5.2.0.0      | 1          | 3200<br>3800<br>MSA 2/8<br>3014<br>3016<br>3250<br>3850<br>200E<br>4012<br>3900<br>12000<br>24000<br>4100<br>48000<br>AP7420 |
| 2765 (Tape)  |           |             |              |              |              |            |                                                                                                                              |
| 2787 (Disk)  |           |             |              |              |              |            |                                                                                                                              |
| 5704 (Tape)  |           |             |              |              |              |            |                                                                                                                              |
| 5716         | AIX       | 5.3         | 5300-01      | 1.00X5       | 5.2.0.0      | 2          |                                                                                                                              |
| FC 6227      |           | 5.1         | ML5          | 1.00A2       | BUNDLE       | 1          |                                                                                                                              |
|              |           | 5.2         | ML2          |              |              |            |                                                                                                                              |
| FC 6228      |           | 5.1         | ML5          | 1.00A2       | BUNDLE       | 2          |                                                                                                                              |
|              |           | 5.2         | ML2          |              |              |            |                                                                                                                              |
|              |           | 5.3         | 5300-01      | 1.00X5       | 5.2.0.0      |            |                                                                                                                              |
|              | Linux     | Suse SLES 8 | SP3          | IBM specific | IBM specific |            |                                                                                                                              |
| FC 6239      | AIX       | 5.1         | ML5          | 1.00A2       | BUNDLE       |            |                                                                                                                              |
|              |           | 5.2         | ML2          |              |              |            |                                                                                                                              |
|              |           | 5.3         | 5300-01      | 1.00X5       | 5.2.0.0      |            |                                                                                                                              |



## HBA by vendor

### JNI

| Product Name | OS Vendor | OS Version      | Service Pack | Firmware | Driver  | Port Speed | SilkWorm Models                                                                                 |                                                        |
|--------------|-----------|-----------------|--------------|----------|---------|------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| FC-1063      | Solaris   | 2.5.1, 2.6, 2.7 | n/a          | 13.3.5   | 2.20    | 1          | 3200, 3800, MSA 2/8, 3014, 3016, 3250 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |                                                        |
|              |           | 8, 9            |              | 3.8.9    | 4.1.4   |            |                                                                                                 |                                                        |
| FC64-1063    | Solaris   | 2.7             | n/a          | 13.3.5   | 2.2.0   | 1          |                                                                                                 |                                                        |
|              |           | 8               |              | 13.5.7   | 2.6.10  |            |                                                                                                 |                                                        |
| FCE-1473     | Solaris   | 8               | n/a          | 3.8.1    | 5.2.1   | 2          |                                                                                                 |                                                        |
| FCE-6410     | Windows   | NT              | 4.0          | built in | 3.1     | 1          |                                                                                                 |                                                        |
| FCE2-6410    | Solaris   | 8, 9            |              |          | 5.3.1.1 |            |                                                                                                 |                                                        |
| FCE-6460     | Solaris   | 8, 9            | n/a          | 3.8.9    | 5.3.1   | 2          |                                                                                                 |                                                        |
| FCE2-1473    | Solaris   | 8               | n/a          | 3.8.1    | 5.1     | 2          |                                                                                                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| FCE2-6560    | Solaris   | 8               | n/a          | 3.8.1    | 5.1     | 2          |                                                                                                 |                                                        |
| FCX-6562     | Solaris   | 8, 9            | n/a          | built in | 5.2     | 2          | 3200, 3800, MSA 2/8, 3014, 3016, 3250 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |                                                        |
|              | Windows   | 2000            | 2            |          |         |            |                                                                                                 |                                                        |
| FCX2-6562    | Solaris   | 8               | n/a          | 3.8.1    | 5.3.1.1 | 2          |                                                                                                 |                                                        |
| Z210         | Windows   | 2000            | 3            | built in | 5.2     | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                          |                                                        |
|              |           | Server 2003     | n/a          |          |         |            |                                                                                                 |                                                        |
| Z220         | Windows   | 2000            | 3            | built in | 5.2     | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                          |                                                        |
|              |           | Server 2003     | n/a          |          |         |            |                                                                                                 |                                                        |

## HBA by vendor

### LSI Logic

| Product Name | OS Vendor | OS Version  | Service Pack | Firmware   | Driver    | Port Speed | SilkWorm Models                                                              |
|--------------|-----------|-------------|--------------|------------|-----------|------------|------------------------------------------------------------------------------|
| ITI7004G2-LC | Windows   | 2000        | n/a          | 1.00.04    | 1.03.14   | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                       |
|              |           | NT 4.0      |              |            |           |            |                                                                              |
| LSI449290    | Solaris   | 8           | n/a          | OXE904     | 1.01      | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                       |
|              |           |             |              | 1.00.04    | 5.02.00   |            |                                                                              |
|              | Windows   | 2000        |              |            | 1.03.14   |            |                                                                              |
| LSI7102XP-LC | Linux     | 2.4.18-4    | n/a          | 1.00.00    | 2.03.00   | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                       |
|              |           | Red Hat 7.3 |              | 1.01.00.01 | 2.05.00   |            |                                                                              |
|              | Solaris   | 8           |              | 1.00.00    | 5.03.01   |            |                                                                              |
|              | Windows   | 2000        | 3            |            | 1.09.02   |            |                                                                              |
|              |           |             |              | 1.00.10    | 1.09.06   |            |                                                                              |
|              |           | Server 2003 | n/a          | 1.00.00    | 1.09.02   |            |                                                                              |
|              |           |             |              |            |           |            |                                                                              |
| LSI7202XP-LC | Linux     | 2.4.18-4    | n/a          | 1.00.00    | 2.03.00   | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                       |
|              |           |             |              |            | 5.03.01   |            |                                                                              |
|              | Solaris   | 8           |              |            | 1.09.02   |            |                                                                              |
|              | Windows   | 2000        |              |            | 1.09.06   |            |                                                                              |
|              |           |             | 3            | 1.00.10    |           |            |                                                                              |
| LSI7204XP-LC |           | Server 2003 | n/a          | 1.00.00    | 1.09.02   | 4          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 41000, 48000, AP7420 |
|              |           |             |              |            | 1.20.16.0 |            |                                                                              |

## HBA by vendor

### Qlogic

| Product Name     | OS Vendor | OS Version        | Service Pack | Firmware | Driver                   | Port Speed | SilkWorm Models                                                                                                              |          |
|------------------|-----------|-------------------|--------------|----------|--------------------------|------------|------------------------------------------------------------------------------------------------------------------------------|----------|
| QLA2200          | Solaris   | 8, 9              | n/a          | 2.2.3    | 4.15.03                  | 1          | 3200<br>3800<br>MSA 2/8<br>3014<br>3016<br>3250<br>3850<br>200E<br>4012<br>3900<br>12000<br>24000<br>4100<br>48000<br>AP7420 |          |
|                  | Windows   | 2000              | 2            | 1.81     | 8.1.5.12                 |            |                                                                                                                              |          |
|                  |           | NT 4.0            | n/a          |          |                          |            |                                                                                                                              |          |
| QLA2300          | Solaris   | 8                 | n/a          | 3.1.18   | 4.13                     | 2          |                                                                                                                              |          |
|                  | Windows   | 2000              | 2            | 3.0.34   | 8.1.5.12                 |            |                                                                                                                              |          |
|                  |           |                   | 3            | 1.17     | 8.2.1.20                 |            |                                                                                                                              |          |
|                  |           |                   | 2003 ENT     |          | 8.1.5.3                  |            |                                                                                                                              |          |
|                  |           | NT 4.0            | 6a           | 1.24     | 8.1.5.12                 |            |                                                                                                                              |          |
| QLA2310          | IRIX      | 6.5 IP35          | n/a          | built in | built in                 | 2          |                                                                                                                              |          |
|                  | Linux     | Red Hat 7.3       |              | 3.02.28  | 7.00.03                  |            |                                                                                                                              |          |
|                  | Solaris   | 8                 |              | 3.2.15   | 4.13.01                  |            |                                                                                                                              |          |
|                  | Windows   | 2000              |              | 4        | 3.03.01                  |            |                                                                                                                              | 9.01.10  |
| QLA2340          | Linux     | Red Hat AS 3.0 U3 | 2.4.21-20.EL | 3.02.28  | 7.00.03                  | 2          |                                                                                                                              |          |
|                  | Solaris   | 2.8               | n/a          | 3.03     | 3.26                     |            |                                                                                                                              |          |
|                  | Windows   | 2000              |              | 3.01.19  | 8.2.0.72                 |            |                                                                                                                              |          |
| QLA2342L         | Linux     | Red Hat AS 3.0 U3 | 2.4.21-20.EL | 3.02.28  | 7.00.03                  | 2          |                                                                                                                              |          |
|                  | Solaris   | 8                 | n/a          |          | 3.31                     |            |                                                                                                                              | 4.15.02  |
|                  | Windows   | 2000              | 2            |          |                          |            |                                                                                                                              | 8.2.0.10 |
|                  |           | NT 4.0            | n/a          |          |                          |            |                                                                                                                              | 8.1.5.12 |
| QLA2460          | Windows   | 2003 ENT          |              | 3.03.06  | Miniport 9.0.17.17 (w32) | 2          |                                                                                                                              |          |
| X6748A (QLA2202) | Solaris 8 |                   |              |          |                          |            |                                                                                                                              |          |

## HBA by vendor

### Sun

| Product Name           | OS Vendor | OS Version | Service Pack | Firmware | Driver       | Port Speed | SilkWorm Models                                                                         |
|------------------------|-----------|------------|--------------|----------|--------------|------------|-----------------------------------------------------------------------------------------|
| X6727A                 | Solaris   | 8          |              | 1.14.09  |              | 1          | 3200<br>3800<br>3250<br>3850<br>200E<br>4012<br>3900<br>12000<br>24000<br>4100<br>48000 |
|                        | Solaris   | 9/10       |              |          |              |            |                                                                                         |
| X6748A (QLA2202)       | Solaris   | 8          | cPCI         | 1.14.09  |              | 1          |                                                                                         |
|                        | Solaris   | 9/10       | cPCI         | 1.14.09  |              |            |                                                                                         |
| X6757A                 | Solaris   | 8          | sBus         | 1.14.09  |              | 1          |                                                                                         |
|                        | Solaris   | 9/10       | sBus         | 1.14.09  | S10 embedded |            |                                                                                         |
| X6799A                 | Solaris   | 8          |              | 1.14.09  |              | 1          |                                                                                         |
|                        | Solaris   | 9/10       |              |          | S10 embedded |            |                                                                                         |
| SGXPCI1FC-QF2 (X6767A) | Solaris   | 8/9/10     |              | 1.14.09  | S10 embedded | 2          |                                                                                         |
| SGXPCI2FC-QF2(X6768A)  | Solaris   | 8/9/10     |              | 1.14.09  | S10 embedded | 2          |                                                                                         |
| SGXPCI1FC-JF2          | Solaris   | 8/9/10     |              | 1.5.b.1  | S10 embedded | 2          |                                                                                         |
| SGXPCI2FC-JF2          | Solaris   | 8/9/10     |              | 1.5.b.1  | S10 embedded | 2          |                                                                                         |

## Storage by Vendor

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|                           |    |
|---------------------------|----|
| 3PAR.....                 | 62 |
| Apple.....                | 63 |
| ATTO.....                 | 64 |
| Chaparral.....            | 65 |
| Dot Hill .....            | 66 |
| EMC.....                  | 67 |
| Engenio .....             | 68 |
| Eurologic.....            | 69 |
| Fujitsu .....             | 70 |
| Fujitsu-Siemens.....      | 71 |
| HP .....                  | 72 |
| Hitachi Data Systems..... | 73 |
| IBM.....                  | 74 |
| Imperial Technology.....  | 75 |
| Infortrend .....          | 76 |
| MTI .....                 | 77 |
| NEC.....                  | 78 |
| Network Appliance .....   | 79 |
| Pillar Data Systems.....  | 80 |
| Silicon Gear .....        | 81 |
| Sun DMG (StorageTek)..... | 82 |
| SUN.....                  | 83 |
| XIOtech.....              | 84 |
| Xyratex.....              | 85 |

## Storage by vendor

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### 3PAR

| Product Name     | Storage Type | Primary FW                 | Service Pack | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                     |
|------------------|--------------|----------------------------|--------------|--------------------|-----------------|---------------------------------------------------------------------|
| 3PAR InServ S400 | RAID         | InForm 2.1.4, 2.2.0, 2.2.1 | n/a          | n/a                | 2Gb/s           | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
| 3PAR InServ S800 | RAID         | InForm 2.1.4, 2.2.0, 2.2.1 | n/a          | n/a                | 2Gb/s           | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |

## Storage by vendor

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### Apple

| Product Name | Storage Type | Primary FW | Service Pack | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                                 |
|--------------|--------------|------------|--------------|--------------------|-----------------|---------------------------------------------------------------------------------|
| Xserve RAID  | RAID         | 1.50f      | 2            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, 200E, 4012 |

## Storage by vendor

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### ATTO

| Product Name          | Storage Type | Primary FW | Service Pack | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|-----------------------|--------------|------------|--------------|--------------------|-----------------|--------------------------------------------------------|
| Diamond Storage Array | RAID         | 5.0.1      | 2            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |



## Storage by vendor

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### Chaparral

| Product Name                   | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|--------------------------------|--------------|------------|--------------------|-----------------|--------------------------------------------------------|
| Javelin RAID Controller JFS226 | RAID         | A420R01    | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

**Notes:**

- Loader 6.012

## Storage by vendor

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### Dot Hill

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|--------------|--------------|------------|--------------------|-----------------|--------------------------------------------------------|
| SANnet 7100  | RAID         | 3.14       | n/a                | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Storage by vendor

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### EMC

| Product Name          | Storage Type | Primary FW       | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                                         |
|-----------------------|--------------|------------------|--------------------|-----------------|-----------------------------------------------------------------------------------------|
| CX Series             | RAID         | 02.03.1.20.5.001 |                    | 1               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| DMX Series            | RAID         | 5670.77          |                    | 2               |                                                                                         |
| FC4700-2              | RAID         | 8.47.52          |                    | 2               |                                                                                         |
| Symmetrix 8000 Series | RAID         | 5568.55          |                    | 2               |                                                                                         |

## Storage by vendor

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### Engenio

| Product Name        | Storage Type | Primary FW             | Secondary FW/Notes      | Interface Speed | SilkWorm Models                                                              |
|---------------------|--------------|------------------------|-------------------------|-----------------|------------------------------------------------------------------------------|
| 6998 Storage System | RAID         | 6.14.xx<br>6.15.xx     | n/a                     | 4               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 41000, 48000, AP7420 |
| 5885 Storage System | RAID         | INF-01-00<br>9530      | n/a                     | 2               | 3200, 3800, 3900, 12000                                                      |
| 4884 Storage System | RAID         | 5.20.01.00             | n/a                     | 2               | 3200, 3800, 3900, 12000                                                      |
| 2882 Storage System | RAID         | Appware<br>05.40.03.00 | Bootware<br>05.40.03.00 | 2               | 3200, 3800, 3900, 12000                                                      |

## Storage by vendor

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### Eurologic

| Product Name   | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|----------------|--------------|------------|--------------------|-----------------|--------------------------------------------------------|
| SANbloc FC2502 | RAID         | 7820       | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Storage by vendor

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### Fujitsu

| Product Name | Storage Type | Primary FW   | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                             |
|--------------|--------------|--------------|--------------------|-----------------|-----------------------------------------------------------------------------|
| ETERNUS3000  | RAID         | V20L42-0000  | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| ETERNUS6000  | RAID         | V20L47-0000  | n/a                | 2 GB/s          |                                                                             |
| GR 730       | RAID         | V11L45-0000  | n/a                | 2 GB/s          |                                                                             |
| GR 740       | RAID         | V03L91P24-16 | n/a                | 2 GB/s          |                                                                             |

## Storage by vendor

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### Fujitsu-Siemens

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|--------------|--------------|------------|--------------------|-----------------|--------------------------------------------------------|
| FibreCAT S80 | RAID         | 8.20, 8.50 | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Storage by vendor

### HP

| Product Name                   | Storage Type | Primary FW      | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                             |
|--------------------------------|--------------|-----------------|--------------------|-----------------|-----------------------------------------------------------------------------|
| CSS2195                        | RAID         |                 |                    |                 |                                                                             |
| Enterprise Virtual Array (EVA) | RAID         |                 |                    |                 |                                                                             |
| FC10                           |              | HP06            |                    |                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| FC60                           |              | HP01            |                    |                 |                                                                             |
| HSG60 (RA6000)                 | RAID         |                 |                    |                 |                                                                             |
| HSG80                          | RAID         | ACS 8.7F P7     |                    |                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| HSV110 (EVA5000)               | RAID         | VCS 3.025       |                    |                 |                                                                             |
| HSV200 (EVA4000)               | RAID         |                 |                    |                 |                                                                             |
| HSV210 (EVA8000)               | RAID         |                 |                    |                 |                                                                             |
| MSA1000                        | RAID         | 4.32            |                    |                 |                                                                             |
| MSA1500 cs                     | RAID         | 4.82            |                    |                 |                                                                             |
| RA4000                         | RAID         |                 |                    |                 |                                                                             |
| RA4100                         | RAID         |                 |                    |                 |                                                                             |
| StorageWorks XP128             | RAID         | 21.11.02.00 /00 | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| StorageWorks XP256             | RAID         |                 |                    |                 |                                                                             |
| StorageWorks XP512             | RAID         | 01.19.86        |                    |                 |                                                                             |
| StorageWorks XP1024            | RAID         | n/a             | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                      |
| VA7100                         | RAID         | HP19            |                    |                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| VA7400                         | RAID         | HP19            |                    |                 |                                                                             |
| VA7410                         | RAID         | A120            |                    |                 |                                                                             |



## Storage by vendor

### Hitachi Data Systems

| Product Name        | Storage Type | Primary FW     | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                             |
|---------------------|--------------|----------------|--------------------|-----------------|-----------------------------------------------------------------------------|
| Thunder 9200        | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                      |
| Thunder 9500V       | RAID         | 0658/C         | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Lightning 9900      | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                      |
| Lightning 9900V     | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                      |
| Lightning 9910      | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                      |
| Lightning 9960      | RAID         | 01-19-59-00/01 | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Lightning 9970V     | RAID         | 21-09-16-00/00 | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Lightning 9980V     | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, AP7420        |
| R500                | RAID         | 50-01-16-00/01 | n/a                | 2 Gb/S          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Tagmastore USP 100  | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, AP7420        |
| Tagmastore USP 600  | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, AP7420        |
| Tagmastore USP 1100 | RAID         | n/a            | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, AP7420        |

## Storage by vendor

### IBM

| Product Name                                    | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                             |
|-------------------------------------------------|--------------|------------|--------------------|-----------------|-----------------------------------------------------------------------------|
| 2145 (SVC)                                      |              | 1.2.1      |                    |                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| 3590E                                           | TAPE         | D01F_26B   |                    |                 |                                                                             |
| NAS 300G                                        | NAS          | 2.0.13     | n/a                | 1               |                                                                             |
| Shark ESS800                                    | RAID         | 2.4.1.54   |                    | 2               |                                                                             |
| TotalStorage FastT Storage Server FastT 200     | RAID         |            | n/a                | 2               | 3200, 3800, 3900, 12000                                                     |
| TotalStorage FastT Storage Server FastT 500     | RAID         |            | n/a                | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| TotalStorage FastT Storage Server FastT 600     | RAID         | 5.33.5.0   | n/a                | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100                |
| TotalStorage FastT Storage Server FastT 700     | RAID         | 5.20.02.01 | n/a                | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100                |
| TotalStorage FastT Storage Server FastT 900     | RAID         |            | n/a                | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| TotalStorage Enterprise Storage Server 2105-800 | RAID         |            | n/a                | 2               |                                                                             |
| TotalStorage Enterprise Storage Server 2105-F20 | RAID         |            | n/a                | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100                |
|                                                 |              |            |                    |                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100                |
|                                                 |              |            |                    |                 | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100                |

## Storage by vendor

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### Imperial Technology

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                |
|--------------|--------------|------------|--------------------|-----------------|--------------------------------|
| MegaRAM-2000 | RAID         | A300       | n/a                | 2 GB/s          | 3200, 3800, 3900, 12000, 24000 |
| MegaRAM-5000 | RAID         | A220       | n/a                | 2 GB/s          | 3200, 3800, 3900, 12000, 24000 |

## Storage by vendor

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### Infortrend

| Product Name       | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|--------------------|--------------|------------|--------------------|-----------------|--------------------------------------------------------|
| EonStor A16F-R1211 | RAID         | A220       | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Storage by vendor

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### MTI

| Product Name | Storage Type | Primary FW  | Secondary FW/Notes | Interface Speed | SilkWorm Models         |
|--------------|--------------|-------------|--------------------|-----------------|-------------------------|
| Vivant S200  | RAID         | 6.15        | n/a                | 1               | 3200, 3800, 3900, 12000 |
| Vivant V30   | RAID         | 8.2.3 rev w | n/a                | 1               | 3200, 3800, 3900, 12000 |
| Vivant V400  | RAID         | 8.29        | n/a                | 2               | 3200, 3800, 3900, 12000 |

## Storage by vendor

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### NEC

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                                                      |
|--------------|--------------|------------|--------------------|-----------------|------------------------------------------------------------------------------------------------------|
| S1400        | RAID         |            |                    | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 41000, 48000, AP7420, 200E, 4016 |
| S1500        | RAID         | 010N       |                    | 4               |                                                                                                      |
| S2400        | RAID         |            |                    | 2               |                                                                                                      |
| S2500        | RAID         | 010N       |                    | 4               |                                                                                                      |
| S2800        | RAID         |            |                    | 2               |                                                                                                      |

## Storage by vendor

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### Network Appliance

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                |
|--------------|--------------|------------|--------------------|-----------------|----------------------------------------------------------------|
| F740         | NAS          | n/a        | n/a                | 1               | 3200, 3800, 3900, 12000                                        |
| F825         | NAS          | n/a        | n/a                | 2               | 3200, 3800, 3900, 12000                                        |
| F880         | NAS          | n/a        | n/a                | 2               | 3200, 3800, 3900, 12000                                        |
| FAS3050      | NAS          | n/a        | n/a                | 2               | 3200, 3800, 3900, 12000, 24000, 4100, 48000, 200E, <b>4900</b> |

**Notes:**

- Tested as initiator, with a backup device

## Storage by vendor

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### Pillar Data Systems

| Product Name | Storage Type | Primary FW    | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                                  |
|--------------|--------------|---------------|--------------------|-----------------|----------------------------------------------------------------------------------|
| Axiom 500    | RAID         | Pillar OS 1.5 |                    | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 41000, 48000 |



## Storage by vendor

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### Silicon Gear

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models         |
|--------------|--------------|------------|--------------------|-----------------|-------------------------|
| Mercury III  | RAID         | 04Feb2002  | n/a                | 1               | 3200, 3800, 3900, 12000 |

## Storage by vendor

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### Sun DMG (StorageTek)

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                             |
|--------------|--------------|------------|--------------------|-----------------|-----------------------------------------------------------------------------|
| FLC150       | Tape         | 6.10.05.00 |                    | 1               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| FLX280       | Tape         | 6.10.05.00 |                    | 2               |                                                                             |

## Storage by vendor

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### SUN

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                                   |
|--------------|--------------|------------|--------------------|-----------------|-----------------------------------------------------------------------------------|
| A5200        | RAID         |            |                    | 1               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                            |
| T3           | RAID         |            |                    | 1               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420       |
| T3B          | RAID         |            |                    | 1               |                                                                                   |
| 39x0         | RAID         |            |                    | 1               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000               |
| 61x0         | RAID         |            |                    | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420       |
| 69x0         | RAID         |            |                    | 2               |                                                                                   |
| 99x0         | RAID         |            |                    | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4016, 4100, 48000, AP7420 |
| 351xFC       | RAID         |            |                    | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420       |

## Storage by vendor

---

### XIOtech

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models         |
|--------------|--------------|------------|--------------------|-----------------|-------------------------|
| Magnitude    | RAID         | 8.0        | n/a                | 1               | 3200, 3800, 3900, 12000 |
| Magnitude 3D | RAID         | 0130       | n/a                | 2               | 3200, 3800, 3900, 12000 |

## Storage by vendor

---

### Xyratex

| Product Name | Storage Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models         |
|--------------|--------------|------------|--------------------|-----------------|-------------------------|
| SS-1201-FC   | JBOD         | 8.0        | n/a                | 1               | 3200, 3800, 3900, 12000 |
| SS-1202-FC   | JBOD         | 6.0        | n/a                | 1               | 3200, 3800, 3900, 12000 |

**Notes:**

- Seagate ST39102FC drive

# Tape by Vendor

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ADIC ..... 87

ATTO ..... 88

Chaparral ..... 89

CrossRoads ..... 90

Quantum..... 92

Spectra Logic ..... 93

Sun DMG (StorageTek)..... 94

## Tape by vendor

### ADIC

| Product Name | Tape Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                                                 |
|--------------|-----------|------------|--------------------|-----------------|---------------------------------------------------------------------------------|
| i2000        | Library   | 4.41.38    | FC I/O blade fw    | 2 GB/s          | 3200, 3800, 3014, 3016, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 200E, 48000 |
|              |           | 200        | Library fw         |                 |                                                                                 |
| Pathlight VX | Library   | 1.01b39    | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 200E, 48000 |
|              |           | 1.1        | Library fw         |                 |                                                                                 |
| Scalar 100   | Library   | 4.10.14    | SNC fw             | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, AP7420, 200E, 48000     |
|              |           | 4.46.01    |                    |                 |                                                                                 |
| Scalar i500  | Library   | 200G.GS005 |                    | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 200E, 48000             |
| Scalar 1000  | Library   | 4.10.14    | SNC fw             | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 200E, 48000             |
|              |           | 4.45.07    |                    |                 |                                                                                 |
| Scalar 10K   | Library   | 4.10.14    | SNC fw             | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 200E, 48000             |
| Scalar 24    | Library   | 4.45.07    | SNC fw             | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 200E, 48000             |
|              |           | 4.50.1     |                    |                 |                                                                                 |

#### Notes:

1. Host using Emulex LP9002L HBA driver 5-4.82a4 fw 3.82a1; using IBM LTO drives
2. LTO1

## Tape by vendor

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### ATTO

| Product Name          | Tape Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|-----------------------|-----------|------------|--------------------|-----------------|--------------------------------------------------------|
| FibreBridge 2300E/R/D | Bridge    | 005B       | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| FibreBridge 4500R/D   | Bridge    | 005B       | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |



## Tape by vendor

---

### Chaparral

| Product Name            | Tape Type | Primary FW | Secondary FW/Notes | Interface Speed | SilkWorm Models                                        |
|-------------------------|-----------|------------|--------------------|-----------------|--------------------------------------------------------|
| Velocity Router VFS 113 | Bridge    | R521R01    | n/a                | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Velocity Router VFS 226 | Bridge    | S522R02    | n/a                | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

**Notes:**

- VFS 113 version 5.012
- VFS 226 loader 6.012

## Tape by vendor

---

### CrossRoads

| Product Name        | Tape Type | Primary FW | Interface Speed | SilkWorm Models                                        |
|---------------------|-----------|------------|-----------------|--------------------------------------------------------|
| 4150 Storage Router | Bridge    | 3.02 2006x | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| 4250 Storage Router | Bridge    | 3.02 2006x | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| 4450 Storage Router | Bridge    | 3.02 2006x | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| 8000 Storage Router | Bridge    | 1.0 2102c  | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Tape by vendor

---

### IBM

| Product Name | Tape Type | Primary FW | Interface Speed | SilkWorm Models                                                             |
|--------------|-----------|------------|-----------------|-----------------------------------------------------------------------------|
| 3582 LTP     | TAPE      | 217B.GY001 | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| 3583 LTP     | TAPE      | 4.10.10    | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |

## Tape by vendor

---

### Quantum

| Product Name | Tape Type  | Primary FW | Interface Speed | SilkWorm Models                                        |
|--------------|------------|------------|-----------------|--------------------------------------------------------|
| P2000        | Library    | 3.1        | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| P3000        | Library    | n/a        | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Super DLT1   | Tape Drive | 3.5        | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

**Notes:**

- P3000 tested with CrossRoads 4200 bridge for FC to SCSI

## Tape by vendor

---

### Spectra Logic

| Product Name  | Tape Type | Primary FW | Interface Speed | SilkWorm Models                                                |
|---------------|-----------|------------|-----------------|----------------------------------------------------------------|
| Spectra 12000 | Library   | 1.25.00    | 1 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, AP7420 |
|               |           | 4.1.37.5   |                 |                                                                |
| Spectra 64000 | Library   | 1.25.00    | 2 GB/s          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000         |

## Tape by vendor

### Sun DMG (StorageTek)

| Product Name    | Tape Type  | Primary FW | Interface Speed | SilkWorm Models                                                                        |
|-----------------|------------|------------|-----------------|----------------------------------------------------------------------------------------|
| L180            | Library    | 2.00.00    | 1               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| L700e           | Library    | 2.36       | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
|                 |            | 3.04.03    |                 |                                                                                        |
|                 |            | 2.36       |                 |                                                                                        |
| L1400M          | Library    |            | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| L5500           | Library    |            | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| PowderHorn 9310 | Library    |            | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| SL500           | Library    | 1.00.5     | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| SL8500          | Library    |            | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| T9840A          | Tape Drive | 1.27.117   | 1               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
|                 |            | 1.32.103   |                 |                                                                                        |
| T9840B          | Tape Drive | 1.30.306   | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| T9840C          | Tape Drive |            | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| T9940A          | Tape Drive |            | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 4800, AP7420 |
| T9940B          | Tape Drive | 1.30.209   | 2               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                 |
|                 |            | 1.32.414   |                 |                                                                                        |

# Transceivers by Vendor

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Agilent..... 96

Finisar ..... 97

IBM..... 98

Infineon..... 99

## Transceivers by vendor

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### Agilent

| Product Name | Port Speed | Supported Distance     | SilkWorm Models                        |
|--------------|------------|------------------------|----------------------------------------|
| AFBR-57R5AP  | 1, 2, 4    |                        | 4012, 4100, 48000, AP7420              |
| HFBR-5720L   | 2          | 500m at 1G, 300m at 2G | 3200, 3800, 3900, 12000, 24000, AP7420 |



## Transceivers by vendor

### Finisar

| Product Name       | Port Speed | Supported Distance     | SilkWorm Models                                                                                  |
|--------------------|------------|------------------------|--------------------------------------------------------------------------------------------------|
| FTR-1319-3-2.5     | 1          | 10km                   | 2250, 2400, 2800                                                                                 |
| FTR-1519-3-2.5     | 1          | 70km                   | 2250, 2400, 2800                                                                                 |
| FTR-8519-3-2.5     | 1          | 500m at 1G, 300m at 2G | 2250, 2400, 2800                                                                                 |
| FTRJ-0019-7-BS2    | 1, 2       |                        | AP7420                                                                                           |
| FTRJ-1319-7D-2.5   |            |                        | 3200, 3800, 3900, 12000, 24000, AP7420                                                           |
| FTRJ-1319-P1BTL-B1 | 1, 2       |                        | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| FTRJ-1419-P1BCL    | 1, 2       | 50km                   |                                                                                                  |
| FTRJ-8519-7D-2.5   | 1, 2       | 500m at 1G, 300m at 2G | 3200, 3800, 3900, 12000, 24000, AP7420                                                           |
| FTRJ-8519-7N-2.5   | 1, 2       | 500m at 1G, 300m at 2G | 3200, 3800, 3900, 12000, 24000                                                                   |
| FTRJ-8519-P1BNL-B1 | 1, 2       |                        | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100 12000, 24000, AP7420                              |
| FTRJ-8524-P2BNV    | 1, 2, 4    |                        | 4012, 4100, 48000, AP7420                                                                        |
| FTRJ-8524-P2BNV-HP | 1, 2, 4    |                        | 4012, 4100, 48000                                                                                |
| FWDM-1621-7D       | 1, 2       | 75km                   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| FWDM-1621-7D-47    | 1, 2       |                        |                                                                                                  |
| FWDM-1621-7D-49    | 1, 2       |                        |                                                                                                  |
| FWDM-1621-7D-51    | 1, 2       |                        |                                                                                                  |
| FWDM-1621-7D-53    | 1, 2       |                        |                                                                                                  |
| FWDM-1621-7D-55    | 1, 2       |                        |                                                                                                  |
| FWDM-1621-7D-57    | 1, 2       |                        |                                                                                                  |
| FWDM-1621-7D-59    | 1, 2       |                        |                                                                                                  |
| FWDM-1621-7D-61    | 1, 2       |                        |                                                                                                  |
| FWS-MUX-DEMUX-8    |            |                        |                                                                                                  |
| FWS-MUX-DEMUX-4    |            |                        |                                                                                                  |

## Transceivers by vendor

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### IBM

| Product Name      | Port Speed | Supported Distance     | SilkWorm Models                |
|-------------------|------------|------------------------|--------------------------------|
| 1063 Mbps         | 1          | 500m                   | 2250, 2400, 2800               |
| IBM42P21SNYAA10   | 1, 2       | 500m at 1G, 300m at 2G | 3200, 3800, 3900, 12000, 24000 |
| FTR-8SOC-1063N-LW | 1          | 500m                   | 2250, 2400, 2800               |

## Transceivers by vendor

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### Infinion

| Product Name     | Port Speed | Supported Distance | SilkWorm Models                                                                                  |
|------------------|------------|--------------------|--------------------------------------------------------------------------------------------------|
| V23848-M305-C56R | 1, 2       |                    | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |

### SmartOptics

| Product Name | Port Speed | Supported Distance | SilkWorm Models                                                                          |
|--------------|------------|--------------------|------------------------------------------------------------------------------------------|
| Ter-4FCD-L   | 1, 2, 4    |                    | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000 |
| Ter-4FCD-C51 | 1, 2, 4    |                    | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000 |
| Ter-4FCD-C53 | 1, 2, 4    |                    | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000 |
| Ter-4FCD-C55 | 1, 2, 4    |                    | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000 |
| Ter-4FCD-C57 | 1, 2, 4    |                    | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000 |

## Operating System

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|                |     |
|----------------|-----|
| Apple.....     | 101 |
| HP .....       | 102 |
| IBM.....       | 103 |
| Microsoft..... | 104 |
| Novell.....    | 105 |
| Red Hat .....  | 106 |
| SGI .....      | 107 |
| Sun .....      | 108 |
| SusE .....     | 109 |

## Operating System by vendor

---

### Apple

| Product Name | OS version | Patch | SilkWorm Models                                                                                  |
|--------------|------------|-------|--------------------------------------------------------------------------------------------------|
| Mac OS X     | 10         | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |

## Operating System by vendor

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### HP

| Product Name | OS version  | Patch | SilkWorm Models                                                                                  |
|--------------|-------------|-------|--------------------------------------------------------------------------------------------------|
| HP-UX        | 11.0        | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| HP-UX        | 11.11 (11i) | n/a   |                                                                                                  |
| OpenVMS      | 7.3.2       | n/a   |                                                                                                  |

## Operating System by vendor

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### IBM

| Product Name | OS version | Patch | SilkWorm Models                                                                                  |
|--------------|------------|-------|--------------------------------------------------------------------------------------------------|
| AIX          | 4.3.3      | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| AIX          | 5.1        | n/a   |                                                                                                  |

## Operating System by vendor

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### Microsoft

| Product Name | OS version  | Patch | SilkWorm Models                                                                                  |
|--------------|-------------|-------|--------------------------------------------------------------------------------------------------|
| Windows      | 2000        | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Windows      | NT 4.0      | n/a   |                                                                                                  |
| Windows      | Server 2003 | n/a   |                                                                                                  |



## Operating System by vendor

---

### Novell

| Product Name | OS version | Patch | SilkWorm Models                                                                                  |
|--------------|------------|-------|--------------------------------------------------------------------------------------------------|
| Netware      | 6.5        | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |

## Operating System by vendor

---

### Red Hat

| Product Name | OS version | Patch | SilkWorm Models                                                                                  |
|--------------|------------|-------|--------------------------------------------------------------------------------------------------|
| Linux        | 7.0        | n/a   | 3200, 3800, 3250, 3850, 3900, 12000, 24000                                                       |
| Linux        | 7.1        | n/a   | 3200, 3800, 3250, 3850, 3900, 12000, 24000                                                       |
| Linux        | 7.2        | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Linux        | 7.3        | n/a   |                                                                                                  |
| Linux        | AS 2.1     | n/a   |                                                                                                  |

## Operating System by vendor

---

### SGI

| Product Name | OS version | Patch | SilkWorm Models                            |
|--------------|------------|-------|--------------------------------------------|
| IRIX         | 6.5 IP35   | n/a   | 3200, 3800, 3250, 3850, 3900, 12000, 24000 |

## Operating System by vendor

---

### Sun

| Product Name | OS version | Patch | SilkWorm Models                                                                                  |
|--------------|------------|-------|--------------------------------------------------------------------------------------------------|
| Solaris      | 2.6        | n/a   | 3200, 3800, 3250, 3850, 3900, 12000, 24000                                                       |
| Solaris      | 7          | n/a   | 3200, 3800, 3250, 3850, 3900, 12000, 24000                                                       |
| Solaris      | 8          | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Solaris      | 9          | n/a   |                                                                                                  |
| Solaris      | 10         | n/a   |                                                                                                  |

## Operating System by vendor

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### SusE

| Product Name | OS version | Patch | SilkWorm Models                                                                                  |
|--------------|------------|-------|--------------------------------------------------------------------------------------------------|
| Linux        | 7.0        | n/a   | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |

## Fabric Management Applications

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|                           |     |
|---------------------------|-----|
| Computer Associates ..... | 111 |
| CreekPath.....            | 112 |
| EMC.....                  | 113 |
| HP .....                  | 114 |
| Hitachi.....              | 115 |
| IBM.....                  | 116 |
| InterSAN.....             | 117 |
| Invio .....               | 118 |
| Pillar Data Systems.....  | 119 |
| Sanbolic.....             | 120 |
| Sun .....                 | 121 |
| VERITAS.....              | 122 |

## Fabric Management Applications by vendor

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### Computer Associates

| Product Name            | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                |
|-------------------------|------------------|-----------|------------|-----------------|--------------------------------|
| BrightStor SAN Designer | Discovery        | Solaris   | 8          | 1.0             | 3200, 3800, 3900, 12000, 24000 |
|                         |                  | Windows   | 2000       |                 |                                |
|                         |                  |           | NT 4.0     |                 |                                |

## Fabric Management Applications by vendor

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### CreekPath

| Product Name | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                |
|--------------|-------------------------------|-----------|------------|-----------------|--------------------------------|
| AIM Suite    | Management and Administration | Solaris   | 8          | 2.5.2           | 3200, 3800, 3900, 12000, 24000 |
|              |                               | Windows   | 2000       |                 |                                |



## Fabric Management Applications by vendor

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### EMC

| Product Name   | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                |
|----------------|-------------------------------|-----------|------------|-----------------|--------------------------------|
| Control Center | Management and Administration | Windows   | 2000       | 5.1.1           | 3200, 3800, 3900, 12000, 24000 |

## Fabric Management Applications by vendor

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### HP

| Product Name                  | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                |
|-------------------------------|-------------------------------|-----------|------------|-----------------|--------------------------------|
| OpenView Storage Area Manager | Management and Administration | Windows   | 2000       | 2.2             | 3200, 3800, 3900, 12000, 24000 |
|                               |                               |           | NT 4.0     |                 |                                |

## Fabric Management Applications by vendor

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### Hitachi

| Product Name                       | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                |
|------------------------------------|------------------|-----------|------------|-----------------|--------------------------------|
| HiCommand Storage Services Manager | Discovery        | Windows   | 2000       | 3.0             | 3200, 3800, 3900, 12000, 24000 |

#### Notes:

-Used Service Pack 4 for Windows; browser IE 6 Service Pack 1

## Fabric Management Applications by vendor

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### IBM

| Product Name                        | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                |
|-------------------------------------|-------------------------------|-----------|------------|-----------------|--------------------------------|
| Tivoli Storage Area Network Manager | Management and Administration | Windows   | 2000       | 1.1             | 3200, 3800, 3900, 12000, 24000 |
|                                     |                               |           | NT 4.0     |                 |                                |

## Fabric Management Applications by vendor

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### InterSAN

| Product Name | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                |
|--------------|-------------------------------|-----------|------------|-----------------|--------------------------------|
| PathLine     | Management and Administration | Windows   | 2000       | 1.5             | 3200, 3800, 3900, 12000, 24000 |
|              |                               | Solaris   | 8          |                 |                                |

## Fabric Management Applications by vendor

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### Invio

| Product Name             | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                                  |
|--------------------------|-------------------------------|-----------|------------|-----------------|--------------------------------------------------|
| Storage Practice Manager | Management and Administration | Windows   | 2000       | 1.0.100         | 3200, 3250, 3850, 3800, 3900, 4100, 12000, 24000 |

## Fabric Management Applications by vendor

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### Pillar Data Systems

| Product Name       | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                                          |
|--------------------|------------------|-----------|------------|-----------------|------------------------------------------------------------------------------------------|
| Axiom Path Manager | Multi-Path       | Sun       | Solaris 9  | 1.04.05         | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 12000, 24000, 4100, 48000 |

## Fabric Management Applications by vendor

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### Sanbolic

| Product Name | Application Type         | OS vendor | OS version     | Product Version | SilkWorm Models                                                     |
|--------------|--------------------------|-----------|----------------|-----------------|---------------------------------------------------------------------|
| LaScala      | Clustered Volume Manager | Windows   | 2000, XP, 2003 | 1.7 – 2.0       | 3200, 3250, 3800, 3850, 3014, 3016, 3900, 4100, 12000, 24000, 48000 |
| MelioFS      | Clustered File System    | Windows   | 2000, XP, 2003 | 1.5 - 2.0       |                                                                     |



## Fabric Management Applications by vendor

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### Sun

| Product Name                                              | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                |
|-----------------------------------------------------------|-------------------------------|-----------|------------|-----------------|--------------------------------|
| StorEdge Enterprise Storage Manager Advanced Applications | Management and Administration | Solaris   | 8/9/10     | 3.0             | 3200, 3800, 3900, 12000, 24000 |

## Fabric Management Applications by vendor

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### VERITAS

| Product Name     | Application Type              | OS vendor | OS version | Product Version | SilkWorm Models                |
|------------------|-------------------------------|-----------|------------|-----------------|--------------------------------|
| SANPoint Control | Management and Administration | Windows   | 2000       | 3.5             | 3200, 3800, 3900, 12000, 24000 |
|                  |                               | Solaris   | 8          |                 |                                |

## SAN Appliance

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|                |     |
|----------------|-----|
| Decru.....     | 124 |
| Finisar .....  | 125 |
| Kashya.....    | 126 |
| MTI .....      | 127 |
| Mirapoint..... | 128 |
| NeoScale ..... | 129 |
| OnStor .....   | 130 |
| Troika.....    | 131 |
| WinCom.....    | 132 |

## SAN Appliance by vendor

---

### Decru

| Product Name   | Appliance Type | Firmware | Port Speed | SilkWorm Models                                                    |
|----------------|----------------|----------|------------|--------------------------------------------------------------------|
| DataFort FC520 | Security       | 1.5      | 2          | 3200, 3800, 3014, 3016, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## SAN Appliance by vendor

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### Finisar

| Product Name                  | Appliance Type | Firmware | Port Speed | SilkWorm Models                                                    |
|-------------------------------|----------------|----------|------------|--------------------------------------------------------------------|
| NetWisdom Fibre Channel Probe | Other          | 1.1      | 2          | 3200, 3800, 3014, 3016, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Xgig Fibre Channel Analyzer   | Other          | 1.5      | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100       |

#### Notes:

- NetWisdom: Use of a tap recommended

## SAN Appliance by vendor

---

### Kashya

| Product Name                      | Appliance Type | Firmware | Port Speed | SilkWorm Models                                        |
|-----------------------------------|----------------|----------|------------|--------------------------------------------------------|
| KBX5000 Data Protection Appliance | Other          | 1.1      | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## SAN Appliance by vendor

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### MTI

| Product Name                  | Appliance Type | Firmware | Port Speed | SilkWorm Models                                        |
|-------------------------------|----------------|----------|------------|--------------------------------------------------------|
| NetWisdom Fibre Channel Probe | Other          | 1.1      | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Xgig Fibre Channel Analyzer   | Other          | 1.5      | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## SAN Appliance by vendor

---

### Mirapoint

| Product Name          | Appliance Type | Firmware | Port Speed | SilkWorm Models                                        |
|-----------------------|----------------|----------|------------|--------------------------------------------------------|
| Message Server M2500S | Other          | 3.2.0    | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Message Server M4000S | Other          | 3.2.0    | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Message Server M4500S | Other          | 3.2.0    | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |



## SAN Appliance by vendor

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### NeoScale

| Product Name              | Appliance Type | Firmware | Port Speed | SilkWorm Models                                        |
|---------------------------|----------------|----------|------------|--------------------------------------------------------|
| Cryptostor FC 1002        | Security       | 1.0.1    | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| Cryptostor Tape Appliance | Security       | 1.0.1    | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

### Notes:

- FC 1002: Windows 2000 and Solaris 8 servers with JNI FCX-6562-N HBA drivers 5.2rc1, 5.2rc2, and Emulex LP9002

## SAN Appliance by vendor

---

### OnStor

| Product Name      | Appliance Type | Firmware | Port Speed | SilkWorm Models                                        |
|-------------------|----------------|----------|------------|--------------------------------------------------------|
| SF 4400 SAN Filer | NAS            | 1.0      | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## SAN Appliance by vendor

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### Troika

| Product Name  | Appliance Type | Firmware                 | Port Speed | SilkWorm Models                            |
|---------------|----------------|--------------------------|------------|--------------------------------------------|
| Accelera 1600 | Virtualization | Kahuna-asic-sdk-1.1.0-5d | 2          | 3200, 3800, 3250, 3850, 3900, 12000, 24000 |

## SAN Appliance by vendor

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### WinCom

| Product Name                | Appliance Type | Firmware      | Port Speed | SilkWorm Models                |
|-----------------------------|----------------|---------------|------------|--------------------------------|
| FGS-series Switching Server | Web server     | R2EFT1 4.1.15 | 1          | 3200, 3800, 3900, 12000, 24000 |

#### Notes:

- Tested with Linux Red Hat 7.0

## Networked Solutions (including MAN/WAN)

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|                                  |     |
|----------------------------------|-----|
| ADVA Optical Networking .....    | 134 |
| AFOP .....                       | 135 |
| Alcatel .....                    | 136 |
| Ciena Corporation .....          | 137 |
| CNT .....                        | 138 |
| Cisco .....                      | 139 |
| Dell .....                       | 140 |
| Fibernet .....                   | 141 |
| Finisar .....                    | 142 |
| Last Mile AG .....               | 143 |
| HP .....                         | 144 |
| HuaWei .....                     | 145 |
| LightSand Communications.....    | 146 |
| Lucent Technologies .....        | 147 |
| LuxN Inc .....                   | 148 |
| MRV Communications .....         | 149 |
| NEC.....                         | 150 |
| Nortel Networks.....             | 151 |
| PacketLight Networks.....        | 152 |
| Pandatel AG.....                 | 153 |
| RAD Data Communications Ltd..... | 154 |
| SANRAD .....                     | 155 |
| SAN Valley Systems.....          | 156 |
| Sorrento.....                    | 157 |
| Transmode.....                   | 158 |
| Zhone Technologies.....          | 159 |

## Networked Solutions (including MAN/WAN) by vendor

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### ADVA Optical Networking

| Product Name | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                                                         |
|--------------|--------------|-------------|----------------|------------|-----------------------------------------------------------------------------------------|
| FSP2000      | DWDM         | Transparent | U4.3c          | 1, 2, 4    | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 4100, 12000, 24000, 48000, AP7420 |
| FSP3000      | DWDM         | Transparent | N/A            | 1, 2, 4    | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000, AP7420             |
| FSP-II       | DWDM         | Transparent | U4.3           | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                  |

## Networked Solutions (including MAN/WAN) by vendor

---

### AFOP

| Product Name | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                                     |
|--------------|--------------|-------------|----------------|------------|---------------------------------------------------------------------|
| SpectraMux   | CWDM         | Transparent | N/A            | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |

## Networked Solutions (including MAN/WAN) by vendor

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### Alcatel

| Product Name        | MAN/WAN type | Protocol      | Tested Version | Port Speed | SilkWorm Models                                        |
|---------------------|--------------|---------------|----------------|------------|--------------------------------------------------------|
| 1696 Metro Span MCC | DWDM         | Transparent   | R01.02.00      | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| 1696 Metro Span TDM | DWDM         | FC over SONET | R01.02.00      | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |



## Networked Solutions (including MAN/WAN) by vendor

### Ciena Corporation

| Product Name                                                      | MAN/WAN type | Protocol               | Tested Version | Port Speed | SilkWorm Models                                                                                 |
|-------------------------------------------------------------------|--------------|------------------------|----------------|------------|-------------------------------------------------------------------------------------------------|
| CN2000                                                            | Gateway      | FC over SONET<br>FICON | 4.04           | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420                     |
| CN2600<br>MultiService Edge<br>Aggregator (ADM<br>card)           | CWDM         | FC over SONET          | OPtxos         | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000                             |
| CN2600<br>MultiService Edge<br>Aggregator (Rate-<br>tunable card) | CWDM         | FC over SONET          | 3.1.1.3        | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                          |
| CN4200 Flex<br>Select Advanced<br>Services Platform               | CWDM<br>DWDM | FC over SONET          | 4.1.0          | 1,2,4      | 3200, 3800, 3014, 3016, 3250, 3850, 12000, 24000, 4100, 48000, 200E, <b>4900, 7500, FR4-18i</b> |
| ONLINE Metro<br>7000                                              | DWDM         | Transparent            | OPtxos         | 1,2        | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                          |
| ONLINE Metro<br>9000                                              | DWDM         | Transparent            | OPtxos         | 1,2        | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000                                          |

## Networked Solutions (including MAN/WAN) by vendor

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### CNT

| Product Name                      | MAN/WAN type | Protocol   | Tested Version | Port Speed | SilkWorm Models                                                             |
|-----------------------------------|--------------|------------|----------------|------------|-----------------------------------------------------------------------------|
| UltraNet Edge Storage Router 1000 | Gateway      | FC over IP | 1.2            | 1          | 3200, 3800, 3900, 12000, 24000                                              |
|                                   |              |            | 1.4.1.2        |            |                                                                             |
| UltraNet Edge Storage Router 3000 | Gateway      | FC over IP | 3.1.1.2        | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |

## Networked Solutions (including MAN/WAN) by vendor

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### Cisco

| Product Name | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                                     |
|--------------|--------------|-------------|----------------|------------|---------------------------------------------------------------------|
| ONS 15252    | DWDM         | Transparent | 1.1            | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
| ONS 15454    | DWDM         | Transparent | 4.5.0          | 1,2        | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
| ONS 15530    | DWDM         | Transparent | 12.2(18)       | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
| ONS 15540    | DWDM         | Transparent |                | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
| SN 5420      | Bridge       | iSCSI to FC | n/a            | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000              |

## Networked Solutions (including MAN/WAN) by vendor

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### Dell

| Product Name       | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                                                         |
|--------------------|--------------|-------------|----------------|------------|-----------------------------------------------------------------------------------------|
| Power Connect 6024 | GigE switch  | Transparent |                | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 4100, 12000, 24000, 48000, AP7420 |

## Networked Solutions (including MAN/WAN) by vendor

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### Fibernet

| Product Name | MAN/WAN type | Protocol | Tested Version | Port Speed | SilkWorm Models                             |
|--------------|--------------|----------|----------------|------------|---------------------------------------------|
| DUSAC-DWDM   | DWDM         |          |                | 2          | 3014, 3016, 3250, 3850, 3900, 12000 , 24000 |
| CMUX4        | CWDM         |          |                | 2          | 3014, 3016, 3250, 3850, 3900, 12000, 24000  |

## Networked Solutions (including MAN/WAN) by vendor

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### Finisar

| Product Name | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                                             |
|--------------|--------------|-------------|----------------|------------|-----------------------------------------------------------------------------|
| MUX/DEMUX    | CWDM         | Transparent | n/a            | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000, AP7420 |
| OADM-1       | CWDM         | Transparent | n/a            | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000         |

## Networked Solutions (including MAN/WAN) by vendor

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### Last Mile AG

| Product Name  | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                |
|---------------|--------------|-------------|----------------|------------|--------------------------------|
| 1G FibrePilot | CWDM         | Transparent | 1.6            | 1          | 3200, 3800, 3900, 12000, 24000 |
| 2G FibrePilot | CWDM         | Transparent | 1.6            | 2          | 3200, 3800, 3900, 12000, 24000 |
| WavePilot 200 | DWDM         | Transparent | n/a            | 1          | 3200, 3800, 3900, 12000, 24000 |

## Networked Solutions (including MAN/WAN) by vendor

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### HP

| Product Name  | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                                                         |
|---------------|--------------|-------------|----------------|------------|-----------------------------------------------------------------------------------------|
| Procurve 2824 | GigE Switch  | Transparent |                | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 200E, 4012, 3900, 4100, 12000, 24000, 48000, AP7420 |



## Networked Solutions (including MAN/WAN) by vendor

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### HuaWei

| Product Name | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                 |
|--------------|--------------|-------------|----------------|------------|---------------------------------|
| Metro6040    | DWDM         | Transparent | 5.39.01.40     | 2          | 3200, 3800, 4100, 48000, AP7420 |
| Metro6100    | DWDM         | Transparent | 5.39.01.30     | 2          |                                 |
| Optix3500    | SDH          | Transparent | 5.21.13.10     | 2          |                                 |
| Optix2500    | SDH          | Transparent | 5.36.12.40     | 2          |                                 |

## Networked Solutions (including MAN/WAN) by vendor

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### LightSand Communications

| Product Name | MAN/WAN type | Protocol      | Tested Version | Port Speed | SilkWorm Models                                        |
|--------------|--------------|---------------|----------------|------------|--------------------------------------------------------|
| i-8100       | Gateway      | FC over IP    | 3.4.1d         | 1          | 3200, 3800, 3900                                       |
| S-600B       | Gateway      | FC over SONET | n/a            | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Networked Solutions (including MAN/WAN) by vendor

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### Lucent Technologies

| Product Name | MAN/WAN type | Protocol      | Tested Version | Port Speed | SilkWorm Models                                               |
|--------------|--------------|---------------|----------------|------------|---------------------------------------------------------------|
| DMX LNW73    | DWDM         | FC over SONET | 6.0.1          | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 24000, 4100, 4800, AP7420 |

## Networked Solutions (including MAN/WAN) by vendor

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### LuxN Inc

| Product Name                  | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                        |
|-------------------------------|--------------|-------------|----------------|------------|--------------------------------------------------------|
| WS 3217<br>WS 3234<br>WS 1608 | DWDM         | Transparent | n/a            | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Networked Solutions (including MAN/WAN) by vendor

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### MRV Communications

| Product Name        | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                |
|---------------------|--------------|-------------|----------------|------------|--------------------------------|
| Lambda Driver LD800 | CWDM         | Transparent | 1.1.1          | 1, 2       | 3200, 3800, 3900, 12000, 24000 |

## Networked Solutions (including MAN/WAN) by vendor

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### NEC

| Product Name                          | MAN/WAN type | Protocol      | Tested Version | Port Speed | SilkWorm Models                                        |
|---------------------------------------|--------------|---------------|----------------|------------|--------------------------------------------------------|
| SpectralWave MG2000 FCCV              | DWDM         | FC over SONET | 1.65           | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| SpectralWave MG2000 FCMX/OC48MX (LR1) | DWDM         | FC over SONET | 1.65           | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Networked Solutions (including MAN/WAN) by vendor

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### Nortel Networks

| Product Name                                      | MAN/WAN type | Protocol      | Tested Version | Port Speed | SilkWorm Models                                                             |
|---------------------------------------------------|--------------|---------------|----------------|------------|-----------------------------------------------------------------------------|
| Optical Metro 5000 Series OCl 1.25Gb              | DWDM         | FC over Sonet | n/a            | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000         |
| Optical Metro 5000 Series OTR 2.5Gb               | CWDM         | FC over Sonet | n/a            | 2          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000         |
| Optical Metro 5000 Series OCl GbE/FC SRM          | DWDM         | FC over Sonet | 6.0            | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Optical Metro 5000 Series OCl Enhanced GbE/FC SRM | DWDM         | FC over Sonet | 6.1            | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000         |
| Optical Metro 5000 Series 10Gb MOTR Rel 7.0       | DWDM         | FC over Sonet | 7.0            |            | 3200, 3800, 3014, 3016, 3250, 3850, 4100, 48000, AP7420                     |
| Optical Metro 5000 Series 10Gb MOTR Rel 8.0       | DWDM         | FC over Sonet | 7.0            |            | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, AP7420 |
| Optical Metro 3500                                | DWDM         | FC over Sonet |                |            | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000         |

## Networked Solutions (including MAN/WAN) by vendor

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### PacketLight Networks

| Product Name | MAN/WAN type | Protocol | Tested Version | Port Speed | SilkWorm Models                                                             |
|--------------|--------------|----------|----------------|------------|-----------------------------------------------------------------------------|
| PL-10        | Gateway      | FC-SONET | 0.6.4          | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000, AP7420 |
| PL-20        | Gateway      | FC-SONET | 0.6.4          | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000, AP7420 |
| PL-100       | Gateway      | FC-SONET | 0.6.4          | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000, AP7420 |
| PL 16000     | Gateway      | FC-SONET | 2.99.4         | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 48000               |
| PL OC48T2    | Gateway      | FC-SONET | 2.99.4         | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 48000               |



## Networked Solutions (including MAN/WAN) by vendor

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### Pandatel AG

| Product Name | MAN/WAN type | Protocol | Tested Version | Port Speed | SilkWorm Models                                                                            |
|--------------|--------------|----------|----------------|------------|--------------------------------------------------------------------------------------------|
| YUMIX-400E   | Transport    | CWDM     | 3.6            | 1          | 3200, 3800, MSA 2/8, 3014, 3016, 3250, 3850, 4012, 3900, 12000, 24000, 4100, 48000, AP7420 |
| YUMIX-400M   | Transport    | DWDM     | 3.5            | 1,2        |                                                                                            |

## Networked Solutions (including MAN/WAN) by vendor

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### **RAD Data Communications Ltd**

| Product Name | MAN/WAN type | Protocol | Tested Version | Port Speed | SilkWorm Models                                                             |
|--------------|--------------|----------|----------------|------------|-----------------------------------------------------------------------------|
| FCS-155      | Gateway      | FC-SONET | 0.6.4          | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000, AP7420 |
| FCS-622      | Gateway      | FC-SONET | 0.6.4          | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 4100, 12000, 24000, 48000, AP7420 |

## Networked Solutions (including MAN/WAN) by vendor

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### SANRAD

| Product Name  | MAN/WAN type | Protocol | Tested Version | Port Speed | SilkWorm Models         |
|---------------|--------------|----------|----------------|------------|-------------------------|
| V-Switch 2000 | Gateway      | iSCSI    | 2.0.5.0        | 1, 2       | 3200, 3800, 3900, 12000 |

## Networked Solutions (including MAN/WAN) by vendor

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### SAN Valley Systems

| Product Name | MAN/WAN type | Protocol   | Tested Version | Port Speed | SilkWorm Models                                        |
|--------------|--------------|------------|----------------|------------|--------------------------------------------------------|
| SL-1000      | Gateway      | FC over IP | 0.0.4          | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Networked Solutions (including MAN/WAN) by vendor

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### Sorrento

| Product Name | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                        |
|--------------|--------------|-------------|----------------|------------|--------------------------------------------------------|
| GIGAMUX 6400 | DWDM         | Transparent | n/a            | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## Networked Solutions (including MAN/WAN) by vendor

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### Transmode

| Product Name             | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                                      |
|--------------------------|--------------|-------------|----------------|------------|----------------------------------------------------------------------|
| System 1100: Module 5400 | CWDM         | Transparent | 1.0.4          | 1          | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 4100, 48000, AP7420 |
| System 1100: Module 7700 | CWDM         | Transparent | 1.1.0          | 1, 2       |                                                                      |

## Networked Solutions (including MAN/WAN) by vendor

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### Zhone Technologies

| Product Name                  | MAN/WAN type | Protocol    | Tested Version | Port Speed | SilkWorm Models                                        |
|-------------------------------|--------------|-------------|----------------|------------|--------------------------------------------------------|
| GIGAMUX 6400                  | DWDM         | Transparent | n/a            | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |
| WS 3217<br>WS 3234<br>WS 1608 | DWDM         | Transparent | n/a            | 1, 2       | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000 |

## SAN Applications

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|                           |     |
|---------------------------|-----|
| CommVault.....            | 161 |
| Computer Associates ..... | 162 |
| FalconStor.....           | 163 |
| HP .....                  | 164 |
| IBM.....                  | 165 |
| Legato .....              | 166 |
| RELDATA.....              | 167 |
| VERITAS.....              | 168 |



## SAN Applications by vendor

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### CommVault

| Product Name               | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                                 |
|----------------------------|------------------|-----------|------------|-----------------|---------------------------------------------------------------------------------|
| Galaxy Backup and Recovery | Recovery         | Windows   | NT 4.0     | 3.1             | 3200, 3800, 3014, 3016, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |

### Computer Associates

| Product Name                 | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                     |
|------------------------------|------------------|-----------|------------|-----------------|---------------------------------------------------------------------|
| BrightStor ARCserve Backup   | Backup/Restore   | Windows   | 2000       | 9               | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
| BrightStor Enterprise Backup | Backup/Restore   | Windows   | 2000       | 10              | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |

## SAN Applications by vendor

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### FalconStor

| Product Name | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                     |
|--------------|------------------|-----------|------------|-----------------|---------------------------------------------------------------------|
| IPStor       | Virtualizer      | Windows   | 2000       | 2.0             | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |

## SAN Applications by vendor

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### HP

| Product Name         | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                     |
|----------------------|------------------|-----------|------------|-----------------|---------------------------------------------------------------------|
| OpenView Omniback II | Backup/Restore   | Windows   | 2000       | 4.1             | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |

## SAN Applications by vendor

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### IBM

| Product Name           | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                     |
|------------------------|------------------|-----------|------------|-----------------|---------------------------------------------------------------------|
| Tivoli Storage Manager | Backup/Restore   | Windows   | 2000       | 5.1             | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
|                        |                  | Solaris   | 8          |                 |                                                                     |

## SAN Applications by vendor

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### Legato

| Product Name | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                     |
|--------------|------------------|-----------|------------|-----------------|---------------------------------------------------------------------|
| Networker    | Backup/Restore   | Windows   | 2000       | 6.1.1           | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000 |
|              |                  | Solaris   | 8          |                 |                                                                     |

**Notes:**

- With DDS

## SAN Applications by vendor

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### RELDATA

| Product Name | MAN/WAN type | Protocol | Tested Version | Port Speed | SilkWorm Models                                   |
|--------------|--------------|----------|----------------|------------|---------------------------------------------------|
| RELDATA 9200 | Gateway      | iSCSI    | 3.03.06        | 2          | 3200, 3800, 3250, 3850, 12000, 24000, 4100, 48000 |

## SAN Applications by vendor

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### VERITAS

| Product Name                      | Application Type | OS vendor | OS version | Product Version | SilkWorm Models                                                           |
|-----------------------------------|------------------|-----------|------------|-----------------|---------------------------------------------------------------------------|
| Command Central Management Server | Management       | Solaris   | 8, 9       | 4.2             | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000, 200E |
|                                   |                  | Windows   | 2000, 2003 |                 |                                                                           |
| NetBackup                         | Backup/Restore   | Solaris   | 8          | 3.4             | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000       |
| VXFS File System                  | Recovery         | Solaris   | 8          | 3.4             | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000       |
| VXVM Storage Management           | Virtualizer      | Solaris   | 8          | 3.2             | 3200, 3800, 3014, 3016, 3250, 3850, 3900, 12000, 24000, 4100, 48000       |
|                                   |                  | Windows   | 2000       |                 |                                                                           |
|                                   |                  | Solaris   | 8          | 5.30_beta       |                                                                           |
|                                   |                  | Windows   | 2000       |                 |                                                                           |



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## Brocade SilkWorm Scalability Support Matrix

|                                                                     |                |
|---------------------------------------------------------------------|----------------|
| <b>Scalability Support Matrix.....</b>                              | <b>170</b>     |
| Table 1 Current SilkWorm Scalability support matrix .....           | 170            |
| Table 2 Legacy SilkWorm Scalability support matrix .....            | 171            |
| Table 3 Zoning Database Size .....                                  | 171            |
| Table 4 Security Database Size.....                                 | 171            |
| <br><b>FC-FC Routing Support.....</b>                               | <br><b>172</b> |
| Table 5 FC-FC Routing Support Matrix .....                          | 172            |
| Table 6 XPath OS v7.4.0 Supported Brocade Switches & Firmware ..... | 173            |
| Table 7 XPath OS v7.4.0 Supported McDATA Switches & Firmware .....  | 173            |

Abstract: This section specifies the metrics necessary to establish whether or not Brocade will support a particular fabric and/or metaSAN configuration.

## Scalability Support Matrix

This section details several key support considerations for SilkWorm SANs. Brocade will support all of our partners on any fabric configuration and connected SAN devices, as detailed in

Table 1 and that do not exceed the defined maximums, and satisfy the minimum Fabric OS & Fabric Manager requirements.

“Secure Fabric OS Disabled” is any SilkWorm with Fabric OS or with the Secure Fabric OS license installed but not activated. Secure Fabric OS is only supported in configurations where designated (i.e. “Secure Fabric OS Enabled”). The support designator indicates either current or legacy. The “Legacy” support designator is provided to enable those customers who deploy with a specific version of Fabric OS to continue to expand to support limits without having to upgrade Fabric OS. The “Current” support indicator reflects the most recent support levels.

**Table 1 Current SilkWorm Scalability support matrix**

| Current SilkWorm Scalability Support Matrix |             |         |               |                                      |                 |                |
|---------------------------------------------|-------------|---------|---------------|--------------------------------------|-----------------|----------------|
| Support                                     | Maximum     |         |               | SilkWorm Switch Platform             | Minimum Version |                |
|                                             | Total Ports | Domains | # SAN Devices |                                      | Fabric OS       | Fabric Manager |
| Secure Fabric OS Disabled                   | 832         | 32      | 728           | 2000 series                          | FOS v2.6.0      | FM v3.0.2b     |
|                                             |             |         |               | 3200, 3800                           | FOS v3.0.2      |                |
|                                             |             |         |               | 3900, 12000                          | FOS v4.0.1      |                |
|                                             | 1280        | 44      | 1200          | 3200, 3800                           | FOS v3.1.2      | FM v4.0        |
|                                             |             |         |               | 3900, 12000                          | FOS v4.1.0      |                |
|                                             |             |         |               | 3250, 3850, 24000                    | FOS v4.2.0      | FM v4.1.1      |
|                                             |             |         |               | 3014, 3016                           | FOS v4.2.1a     |                |
|                                             |             |         |               | 4100                                 | FOS v4.4.0      | FM v4.4        |
|                                             |             |         |               | 48000                                | FOS v5.0        | FM v5.0        |
|                                             | 2560        | 56      | 2300          | 3016, 3900, 3850, 4100, 12000, 24000 | FOS v4.4.0      | FM v4.4        |
| Secure Fabric OS Enabled                    | 832         | 32      | 728           | 2000 series                          | FOS v2.6.1      | FM v4.0        |
|                                             |             |         |               | 3200, 3800                           | FOS v3.1.0      |                |
|                                             |             |         |               | 3900, 12000                          | FOS v4.1.0      |                |
|                                             | 1280        | 44      | 1200          | 3200, 3800                           | FOS v3.1.2      | FM v4.1        |
|                                             |             |         |               | 3900, 12000                          | FOS v4.2.0      |                |
|                                             |             |         |               | 3250, 3850, 24000                    | FOS v4.2.0      | FM v4.1.1      |
|                                             |             |         |               | 3014, 3016                           | FOS v4.2.1a     |                |
|                                             |             |         |               | 4100                                 | FOS v4.4.0      | FM v4.4        |
|                                             |             |         |               | 48000                                | FOS v5.0        | FM v5.0        |
|                                             | 2560        | 56      | 2300          | 3016, 3900, 3850, 4100, 12000, 24000 | FOS v4.4.0      | FM v4.4        |

Table 2 Legacy SilkWorm Scalability support matrix

| Legacy SilkWorm Scalability Support Matrix |                             |             |                       |                               |                                |
|--------------------------------------------|-----------------------------|-------------|-----------------------|-------------------------------|--------------------------------|
| Support                                    | Maximum # Switches/ Domains | Total Ports | Maximum # SAN Devices | Minimum Fabric OS Version     | Minimum Fabric Manager Version |
| Secure Fabric OS Disabled                  | 20                          | 320         | 192                   | Fabric OS 3.0.0               | FM 3.0.2B                      |
|                                            | 32                          | 512         | 288                   | Fabric OS 2.6.0               | FM 3.0.2B                      |
|                                            | 44                          | 832         | 608                   | Fabric OS 2.6.0, 3.0.2, 4.0.2 | FM 3.0.2B                      |
| Secure Fabric OS Enabled                   | 32                          | 512         | 288                   | Fabric OS 2.6.0               | FM 3.0.2B                      |
|                                            | 32                          | 832         | 728                   | Fabric OS 2.6.1, 3.1, 4.1     | FM 4.0                         |

**Notes:**

No configuration may exceed 7 hops

Zoning DB Limitations:

The Maximum Zone Database cannot exceed the lowest maximum value in the fabric (use the command `cfgsize` to determine the zoning database size):

Table 3 Zoning Database Size

| If the fabric contains:  | Then Zone DB cannot exceed: |
|--------------------------|-----------------------------|
| FOS v2.x                 | 96KB                        |
| FOS v3.0.x through 3.1.x | 96KB                        |
| FOS v4.0.x through 4.3.x | 128KB                       |
| FOS v3.2.x               | 256KB                       |
| FOS v4.4.x               | 256KB                       |
| FOS v5.x                 | 256KB                       |
| XPathOS 7.3.x            | 128KB                       |
| XPathOS 7.4.x            | 128KB                       |

The support limits apply to a single fabric and connected devices. The implementation of zoning is recommended for any SAN and especially critical for any large fabric, since zoning is fundamental to the functioning of multi-hundred port fabrics.

**Secure Fabric OS Database and Policy Limitations:**

The Maximum Secure Fabric OS Database cannot exceed the lowest maximum value in the fabric. The total Security DB limit is a sum of the defined and active.

Table 4 Security Database Size

| If the fabric contains:   | Then Security DB cannot exceed: |        |
|---------------------------|---------------------------------|--------|
|                           | Defined                         | Active |
| FOS v2.6.x                | 16KB                            | 16KB   |
| FOS v3.1.x                | 64KB                            | 64KB   |
| FOS v4.1.x through v4.2.x | 64KB                            | 64KB   |
| FOS v3.2.x                | 128KB                           | 128KB  |
| FOS v 4.4.x               | 256KB                           | 256KB  |
| FOS v5.x                  | 256KB                           | 256KB  |
| Xpath 7.3.x               | N/A                             | N/A    |
| Xpath 7.3.x               | N/A                             | N/A    |

## FC-FC Routing Support

This section details several key support considerations for configurations that utilize the Multiprotocol Router. Brocade will support all of our partners on any fabric configuration and connected SAN devices as long as the maximums defined in Table 5 are not exceeded and the switches connected to the Edge Fabrics are running the minimum version of Fabric OS specified in Table 6. Each Edge Fabric connected to the Routed Fabric must also fall within the support specifications defined in Table 1.

**Table 5 FC-FC Routing Support Matrix**

| Minimum XPath OS Version | XPath OS 7.4                                                                                   |       |
|--------------------------|------------------------------------------------------------------------------------------------|-------|
| Edge Fabric              |                                                                                                |       |
| Domains                  | Number of front domains per edge fabric                                                        | 24    |
|                          | Number translate domains per edge fabric                                                       | 33    |
|                          | Number of real domains (i.e. switches) per edge fabric (not including Routers)                 | 32    |
|                          | Number of total domains per edge fabric (physical domains + front domains + translate domains) | 80    |
| Devices                  | Number of local and proxy devices per edge fabric                                              | 1280  |
|                          | Number of proxy devices per edge fabric                                                        | 1000  |
| Routed Fabric            |                                                                                                |       |
| Edge Fabrics             | Number of edge fabrics connected to a routed fabric                                            | 34    |
| Routers                  | Number of Fibre Channel routers per routed fabric                                              | 14    |
| LSAN                     | Number of LSAN device entries per routed fabric                                                | 10000 |
|                          | Number of LSAN zones per routed fabric                                                         | 1000  |
|                          | Number of entries per LSAN Zone                                                                | 200   |
| Hop Count                |                                                                                                |       |
| Hop Count                | Number of hops between switches or domains (including Routers)                                 | 12    |

**Table 6 XPath OS v7.4.0 Supported Brocade Switches & Firmware**

| <b>XPath OS v7.4.0 Supported Brocade Switches and Firmware</b>                                       |                                          |
|------------------------------------------------------------------------------------------------------|------------------------------------------|
| <b>Brocade Switch Model</b>                                                                          | <b>Minimum FOS General Compatibility</b> |
| <b>SilkWorm 2000 Series</b>                                                                          | Fabric OS v2.6.2 or later (v2.6.X)       |
| <b>SilkWorm 3000, 3200, 3600, 3800</b>                                                               | Fabric OS v3.1.1 or later (v3.X.X)       |
| <b>SilkWorm 3900, 12000</b>                                                                          | Fabric OS v4.1.1                         |
| <b>SilkWorm 325x, 385x, 24000 in addition to 3900, 12000</b>                                         | Fabric OS v4.2.0                         |
| <b>SilkWorm 3016 (embedded)</b>                                                                      | Fabric OS v4.2.1                         |
| <b>SilkWorm 4100 in addition to 3016, 325x, 385x, 3900, 12000, 24000</b>                             | Fabric OS v4.4.0                         |
| <b>SilkWorm 3014 (embedded)</b>                                                                      | Fabric OS v4.4.1                         |
| <b>SilkWorm 4012 (embedded)</b>                                                                      | Fabric OS v5.0.0                         |
| <b>SilkWorm 200E and 48000 in addition to 3014, 3016, 4012, 325x, 385x, 3900, 4100, 12000, 24000</b> | Fabric OS v5.0.1                         |

**Table 7 XPath OS v7.4.0 Supported McDATA Switches & Firmware**

| <b>XPath OS v7.4 Supported McDATA Switches and Firmware</b> |                                  |
|-------------------------------------------------------------|----------------------------------|
| <b>McDATA Switch Model</b>                                  | <b>EOS general compatibility</b> |
| <b>ED 5000</b>                                              | EOS 4.01.01                      |
| <b>Intrepid 6140</b>                                        | EOS 5.x, 6.x                     |
| <b>Intrepid 6040</b>                                        | EOS 5.x, 6.x                     |
| <b>Sphereon 3232</b>                                        | EOS 5.x, 6.x                     |
| <b>Sphereon 3216</b>                                        | EOS 5.x, 6.x                     |
| <b>Sphereon 4500</b>                                        | EOS 5.x, 6.x                     |
| <b>Sphereon 4300</b>                                        | EOS 5.x, 6.x                     |

## Appendix A: Glossary

**Backbone Fabric:** A backbone fabric can consist of a single Multiprotocol Router or multiple Multiprotocol Routers that connect to each other directly or indirectly through other switches via E\_Ports or VE\_Ports.

**Fabric:** One or more interconnected Fibre Channel switches. The term "Fabric" only refers to the interconnected switches, not to devices connected to the fabric.

**Edge Fabric:** A Fibre Channel fabric connected to EX\_Ports of the Multiprotocol Router. The edge fabric is where hosts and storage are normally attached in a metaSAN.

**E\_Port:** A standard Fibre Channel mechanism that enables switches to network with each other.

**EX\_Port:** The type of port used to connect an FC router to an edge fabric. An EX\_Port follows standard E\_Port protocols, but does not allow fabric merging across EX\_Ports and supports FC-NAT.

**FC-NAT:** Fibre Channel Network Address Translation allows devices in different fabrics to communicate when those fabrics have addressing conflicts. This is similar to the "hide behind" NAT used in firewalls. Normally attached in a routed fabric.

**Front Domain:** A tier of virtual domains between the translate domains and the edge fabrics. This allows FSPF multi-pathing to work as desired. The first instantiation of the FC Routing Service uses one front domain per EX\_Port, though future implementations may limit this to one per edge fabric. No FC-NAT devices are ever "hung off of" front domains. Put another way, each IFL connection from a Router to an edge fabric creates a front domain.

**Hop Count:** For the purpose of evaluating SAN designs, the hop count is identical to the number of ISLs that a frame must traverse to reach its destination.

**Inter-Fabric Link (IFL):** A connection between a router EX\_Port and an edge fabric.

**Logical Storage Area Network (LSAN):** A logical network that spans multiple edge fabrics. The path between devices in an LSAN connects via one or more Multiprotocol Routers.

**LSAN device entry:** the total number of port WWN entries for all devices defined in all active LSAN zones within a routed fabric. For example, Fabric 1 has lsan\_zone1 with device A & B and Fabric 2 has lsan\_zone 2 with device A & B. Four LSAN device entries are consumed.

**LSAN Zone:** Any zone defined in an edge fabric where the zone name is prefixed with the tag LSAN\_ The LSAN\_ tag is not case sensitive. LSAN zones are a mechanism to specify inter-fabric connectivity and the creation of proxy devices. For example, Fabric 1 has lsan\_zone1 with device A & B and Fabric 2 has lsan\_zone 2 with device A & B. Two LSAN zones entries are consumed.

**LSAN Zone Entry:** The number of port WWN entries defined in an edge fabric LSAN zone.

**metaSAN:** A the collection of SAN devices, switches, edge fabrics, LSANs (logical storage area network), and Multiprotocol Routers that make up a physically connected but logically partitioned storage area network.

**Proxy Device:** A virtual device present in a local fabric that represents a device physically connected to a different edge fabric. From the perspective of a SAN device that is physically connected to a fabric, a proxy device is said to be imported. From the perspective of the proxy device, the proxy device is said to be exported.

**Routed Fabric:** Consists of two or more edge fabrics interconnected by one or more backbone fabrics.

**SAN:** A Storage Area Network (SAN) can consist of one or more related fabrics and the connected SAN devices.

**SAN Device:** Usually either a host or storage device that attaches to a fabric. A SAN device is sometimes referred to as an N-port, NL-port, Nx-port, or node. For point-to-point devices (also known as N-ports) the relationship is one switch port (also known as an F-port) to one N-port. For loop devices (i.e. NL-ports) the relationship is one switch loop port (also known as an FL-port) to one or more NL-ports.

**Total Port Count:** The total number of ports of all switches in a fabric.

**Translation Domain or xlate domain:** A router virtual domain that represents an entire fabric. Device connectivity can be achieved from one fabric to another, over the backbone fabric and through this virtual domain, without merging the two fabrics. Sometimes referred to as "phantom domain," "phantom translate domain," or "xlate domain. If an FC router is attached via an EX\_Port to an edge fabric, it will create xlate domains in that fabric corresponding to the remote edge fabrics with active LSANs defined.



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