

# IBM SAN Data Gateway Router 2108 Model R03 (2108R3L)

## IBM Storage and Server interoperability Matrix

**Last update: Sept. 4, 2002**

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### Notes:

1. IBM SAN Data Gateway Router 2108 model R03 and R3L require [firmware](#) level 3.43.14
2. Host Bus Adapter [Supported](#) Fibre Versions Matrix.
3. Both tape and disk attached to the same HBA are not recommended.
4. Download [Reference Information](#).
  - [Service Guide](#).
  - [Installation and User's Guide](#).
  - [Service Guide for Data Mover Agent RPQ](#).
  - [Installation and User's Guide for Data Mover Agent RPQ](#).
5. StorWatch SAN Data Gateway Specialist version 2.7.02 is recommended. [AIX](#), [Solaris](#) and [Windows](#).
6. 1 FC Port and 2 HVD SCSI Ports (FC 2830).
7. 1 FC Port and 2 LVD SCSI Ports (FC 2840).
8. 3590 Model H Drives are not supported on the 2108 Model R03 and R3L
9. Ensure the SCSI interface on the drives is the same as the SCSI interface on the Router.
10. Ensure all device drivers, firmware are at current levels.
11. Supported Service Port Utility: [NETTERM](#) Home Site.
12. Planned availability dates represent current estimates and are subject to change or withdrawal at any time without notice.

## TAPE Connectivity

### IBM 358x LTO Ultrium Tape

Storage Systems	Description	Platform/Operating Systems	Additional Information
<a href="#">Tape Storage Systems</a>	<p><a href="#">3580 Ultrium</a> Tape Drive.</p> <p><a href="#">3581 Ultrium</a> Tape Autoloader.</p> <p><a href="#">3583 Ultrium Scalable</a> Tape Library</p> <p><a href="#">3584 UltraScalable</a> Tape Library</p>	<p><b>IBM pSeries, RS/6000 and RS/6000-SP Servers</b> AIX 4.3.3 or 5.1</p> <p>Gigabit Fibre Channel Adapter: FC 6227 FC 6228</p>	<p>Available FC 2830 (HVD) FC 2840 (LVD)</p> <p>Point To Point or <a href="#">2109-S08/S16</a> or <a href="#">2032-001</a> Director.</p> <p><a href="#">2032-064</a> Director (3584 LVD SCSI only).</p>
		<p><b>Windows NT</b> with Service Pack 6A <b>Windows 2000*</b> Service Pack 1</p> <p><b>Netfinity:</b> P/N 00N6881 <b>Emulex:</b> LP8000 <b>Qlogic:</b> QLA2200F</p> <p>* Windows 2000 requires RSM be disabled and an ISV device driver be used to operate the media changers.</p>	<p>Available FC 2830 (HVD) FC 2840 (LVD)</p> <p>Point To Point or <a href="#">2109-S08/S16</a> or <a href="#">2032-001</a> Director.</p> <p><a href="#">2032-064</a> Director (3584 LVD SCSI only).</p>
		<p><b>Sun Servers</b> with Solaris 2.6, 7 or 8</p> <p><b>Emulex:</b> LP8000 LP8000s</p> <p><b>Qlogic:</b> QLA2200F</p>	<p>Available FC 2830 (HVD) FC 2840 (LVD)</p> <p>Point To Point or <a href="#">2109-S08/S16</a> or <a href="#">2032-001</a> Director.</p> <p><a href="#">2032-064</a> Director (3584 LVD SCSI only).</p>

**Notes:**

- Point To Point, switched and cascaded switch configurations are supported.
- Linear Tape-Open: <http://www.storage.ibm.com/hardsoft/tape/lto/index.html>

**IBM 3502, 3570/3575 and 3590 Magstar Tape**

Storage Systems	Description	Platform/Operating Systems	Additional Information
<a href="#">Tape Storage Systems</a>	DLT Tape Library-Rack ( <a href="#">3502-R14</a> )	Window NT (Service Pack 6A)	Available FC 2840 (LVD)
	DLT Tape Library-Tower ( <a href="#">3502-314</a> )	Qlogic: QLA2200F	Point To Point or <a href="#">2109-S08/S16</a> .
	Magstar MP <a href="#">3570-C00 thru C22</a>	Window NT (Service Pack 6A)	Available FC 2830 (HVD)
	Magstar MP <a href="#">3575-L06 thru L32</a>	Qlogic: QLA2200F	Point To Point or <a href="#">2109-S08/S16</a> or <a href="#">2032-001</a> Director.
	Enterprise Tape System <a href="#">3590-Bxx and 3590-Exx</a> Standalone or in <a href="#">3494 Tape Library</a>	Window NT (Service Pack 6A) Windows 2000 * Service Pack 1  Emulex LP8000 Qlogic QLA2200F  * Windows 2000 requires RSM be disabled and an ISV device driver be used to operate the media changers.	Available. FC 2830 (HVD)  Point To Point or <a href="#">2109-S08/S16</a> or <a href="#">2032-001</a> Director.

**Notes:**

- Router configurations using the IBM Fibre Channel Storage Hub (2103-H07) or Netfinity Fibre Channel Hub (PN35231RU) for distance solutions are supported. The Hub can be either between the server and switch or the switch and Router.
- Magstar 3590 Tape Supsystem: <http://www.storage.ibm.com/hardsoft/tape/3590/index.html>

### IBM 7337 Model 305/360 Scalable Digital Linear Tape Library

Storage Systems	Description	Platform/Operating Systems	Additional Information
<a href="#">Tape Storage Systems</a>	<a href="#">IBM 7337-360</a>  Library code: 2.12.2 or higher  DLT Drive code: 0235 or higher	<b>IBM pSeries,                      RS/6000 and                      RS/6000-SP Servers</b>  AIX 4.3.3 or 5.1  Gigabit Fibre Channel Adapter: FC 6227 FC 6228	Available FC 2830 (HVD) FC 2840 (LVD)  Point To Point or <a href="#">2109-S08/S16</a> or <a href="#">2032-001</a> Director.

**Notes:**

- Point To Point, switched and cascaded switch configurations are supported.
- Driver source: <ftp://ftp.software.ibm.com/storage/devdvr/>
- Contact your ISV for specific supported configurations