



Product Bulletin:

Brocade 300, 5100, and 5300 8Gbit FC Switches with NetApp Select Bundles

Revision History

July 15, 2008 - Initial version

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

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1. Summary

This product bulletin announces the availability of the Brocade 300, 5100, and 5300 8Gb/sec Fibre Channel switches with the NetApp Select™ Bundles.

There are three major types of 8Gb/sec FC switches available for **optional inclusion** with NetApp Select Bundles in this release:

- 300 series switch supporting from 8 to 24 8Gb FC ports in 8-port increments
- 5100 series switch supporting from 24 to 40 8Gb FC ports in 8-port increments
- 5300 series switch supporting from 48 to 80 ports FC ports in 16-port increments

The switches will be available as an option to be included with various NetApp Select Bundles if these bundles include an FC license.

These switches are the same physical switches as standalone Brocade 300, 5100, and 5300 switches.

As part of the NetApp Select Bundle offerings, the Brocade 300, 5100, and 5300 switches will be priced lower than the standalone Brocade 300, 5100, and 5300 switches.

Only the switches with 4Gbit/sec SFPs and default FOS licenses included with every switch will be available as an option with NetApp Select Bundles.

Please refer to the Brocade 300, 5100, and 5300 8Gb FC switches Product Bulletin for more detailed information on Brocade 300, 5100, and 5300 switches.

2. What's New?

The following additional Brocade switch selections will be available in NetApp Select Bundle configuration tabs for cases in which NetApp Select Bundles include an FCP license:

- Brocade 300 switch with 4Gb/sec 8 ports active
- Brocade 300 switch with 4Gb/sec 16 ports active
- Brocade 300 switch with 4Gb/sec 24 ports active
- Brocade 5100 switch with 4Gb/sec 24 ports active
- Brocade 5100 switch with 4Gb/sec 32 ports active
- Brocade 5100 switch with 4Gb/sec 40 ports active
- Brocade 5300 switch with 4Gb/sec 48 ports active
- Brocade 5300 switch with 4Gb/sec 64 ports active
- Brocade 5300 switch with 4Gb/sec 80 ports active

These options will follow the same hardware, software, and support rules as described in the Brocade 300, 5100, and 5300 8Gb FC switches Product Bulletin.

However, the **above switch options** will be **list priced at lower price points** compared to the standalone versions of these switches. These options will also have a **lower COGS base** for additional discounting.

To add software licenses not included with the switches by default or to add 8Gbit SFPs to the 4Gbit/sec Brocade 300, 5100, and 5300 NetApp Select switches, please refer to the regular, non-NetApp Select Bundle configuration tabs of the Quote Tool.

3. Sales Tools (Sales Guides, Training Presentations, SE Presentations)

N/A

4. Customer-Ready Tools (Customer Presentations, Datasheets)

N/A

5. System Requirements

Supported Platforms

The latest Brocade support statements can be found at the NetApp Fibre Channel Switch Support Matrix:

[Support Matrix](#)

6. Product Information

Brocade 300, 5100, and 5300 NetApp Select Bundles Information

The following table presents the hardware part numbers used for Brocade 300, 5100, and 5300 NetApp Select switches purchasing options. Partners should contact their channel representative for pricing information.

Part Number	Description	Discount Category Code
X-320-2004-R5-C	8-Pt Brocade 300 FF FC 4Gbps,NSB,-C,R5	B
X-SMEDPOD4-02-R6	Brocade 8P POD with NSB,4Gb BR SFPs,300,R6	B

X-360-2004-R5-C	24-Pt Brocade 300 FF FC 4Gbps,NSB,-C,R5	B
X-5120-2004-R5-C	24-Pt Brocade 5100 FF FC 4Gbps,NSB,-C,R5	B
X-MIDRPOD4-02-R6	Brocade 8P POD with NSB,4Gb BR SFPs,5100,R6	B
X-5140-2004-R5-C	40-Pt Brocade 5100 FF FC 4Gbps,NSB,-C,R5	B
X-5320-2004-R5-C	48-Pt Brocade 5300 FF FC 4Gbps,NSB,-C,R5	B
X-4900POD4-02-R6	Brocade 16P POD with NSB,4Gb BR SFPs,5300,R6	B
X-5340-2004-R5-C	80-Pt Brocade 5300 FF FC 4Gbps,NSB,-C,R5	B

- The 8-port version of Brocade 300 NetApp Select comes populated with eight 4Gbit/sec SFPs.
- Brocade 300 NetApp Select 8 Ports-on-Demand license will enable expansion of Brocade 300 NetApp Select 8-port switch to Brocade 300 NetApp Select 16-port switch.
- The 24-port version of Brocade 300 NetApp Select comes populated with 24 4Gbit/sec SFPs.
- The 24-port version of Brocade 5100 for NetApp Select comes populated with 24 4Gbit/sec SFPs.
- Brocade 5100 NetApp Select 8 Ports-on-Demand license will enable expansion of Brocade 5100 NetApp Select 24-port switch to Brocade 5100 NetApp Select 32-port switch.
- The 40-port version of Brocade 5100 NetApp Select comes populated with 40 4Gbit/sec SFPs.
- The 48-port version of Brocade 5300 NetApp Select comes populated with 48 4Gbit/sec SFPs.
- Brocade 5300 NetApp Select 16 Ports-on-Demand license will enable expansion of Brocade 5300 NetApp Select 48-port switch to Brocade 5300 NetApp Select 64-port switch.
- The 80-port version of Brocade 5300 NetApp Select comes populated with 80 4Gbit/sec SFPs.
- Every POD license will include the required 4G SFPs.
- Every Brocade 300, 5100, and 5300 NetApp Select switch comes with these licenses (links below take you to the Brocade Web site):
 - [Web Tools](#)
 - [Advanced Zoning](#)
 - [Fabric Watch](#)
 - **Enhanced Group Management**
 - **Full Fabric**
- Brocade 300, 5100, and 5300 switches are qualified to be configured into NetApp cabinets.

Enhanced Group Management is an agent required for Brocade EFCM management client group management functions.

Full Fabric license enables E-port functionality on the Brocade switches.

The following table shows which part numbers above are included with which NetApp Select Bundle Brocade Switch configuration options.

NetApp Select Bundle Brocade Switch Configuration Options	Corresponding Part Numbers Included
Brocade 300 switch with 4Gb/sec 8 ports active	X-320-2004-R5-C
Brocade 300 switch with 4Gb/sec 16 ports active	X-320-2004-R5-C X-SMEDPOD4-02-R6
Brocade 300 switch with 4Gb/sec 24 ports active	X-360-2004-R5-C
Brocade 5100 switch with 4Gb/sec 24 ports active	X-5120-2004-R5-C

Brocade 5100 switch with 4Gb/sec 32 ports active	X-5120-2004-R5-C X-MIDRPOD4-02-R6
Brocade 5100 switch with 4Gb/sec 40 ports active	X-5140-2004-R5-C
Brocade 5300 switch with 4Gb/sec 48 ports active	X-5320-2004-R5-C
Brocade 5300 switch with 4Gb/sec 64 ports active	X-5320-2004-R5-C X-4900POD4-02-R6
Brocade 5300 switch with 4Gb/sec 80 ports active	X-5340-2004-R5-C

- NetApp will not offer the versions of Brocade 300, 5100, and 5300 switches populated with 8Gbit/sec SFPs with NetApp Select Bundles; only the 4Gbit/sec versions can be quoted.
- The 8Gbit/sec SFPs will need to be added from the regular Add Parts tabs of the Quote Tool for quoting.
- To add software licenses not included with the switches by default, please refer to the regular, non-NetApp Select Bundle configuration tabs of the Quote Tool.
- NetApp does not carry a separate ISL Trunking license for Brocade 300, 5100, and 5300 switches.
- Brocade 300, 5100, and 5300 SW Enterprise License includes the following licenses: (links below take you to the Brocade Web site):
 - [ISL Trunking](#)
 - [Advanced Performance Monitoring](#)
 - [Extended Fabrics](#)
 - [Adaptive Networking](#)
- Brocade 300, 5100, and 5300 NetApp Select Bundle switches come with these licenses included on every switch (links below take you to the Brocade Web site):
 - [Web Tools](#)
 - [Advanced Zoning](#)
 - [Fabric Watch](#)
 - **Enhanced Group Management**
 - **Full Fabric**

Enhanced Group Management is an agent required for Brocade EFCM management client group management functions.

Full Fabric license enables E-port functionality on the Brocade switches.

Service Options

NetApp offers NetApp Global Support for all Brocade SAN gear.

Important!

The Brocade 300, 5100, and 5300 NetApp Select Bundle switches will come with 4Hr Parts Delivery SupportEdge Standard support included with every switch. There will be an option to upgrade the switches to a higher-level offering, but there will be no way to lower the level of support and detach the 4Hr Parts Delivery SupportEdge Standard support from these switches.

The pricing for the additional 4hr Parts Delivery SupportEdge Standard support will be established in accordance with the Standard SupportEdge Standard pricing set up by NetApp Global Services.

The following table lists the NetApp SupportEdge offerings for the Brocade 300, 5100, and 5300 NetApp Select switches. These part numbers are the same for different models, but their pricing is different, depending on the list price of the hardware for which the support agreement is purchased.

Part Number	Description	Discount Category Code
SVC-O-2HR	HW Support, Premium, 2hr	S

SVC-O-4HR	HW Support, Premium, 4hr	S
SVC-O-NBD	HW Support, Premium, NBD	S
SVC-INST-O-2HR	Initial Install, Premium, 2hr	S
SVC-INST-O-4HR	Initial Install, Premium, 4hr	S
SVC-INST-O-NBD	Initial Install, Premium, NBD	S
SVC-A-4D	HW Support, Standard,4hr	S
SVC-A-4R	HW Support, Standard Replace,4hr	S
SVC-A-NBR	HW Support, Standard Replace, NBD	S
SVC-A-IN-4D	HW Support, Standard, Inst, 4hr	S
SVC-A-IN-4R	HW Support, Standard Replace, Inst, 4hr	S
SVC-A-IN-NBR	HW Support, Standard Replace, Inst, NBD	S
SVC-INST-A-IN-4D	Initial Install, Standard, Inst, 4hr	S
SVC-INST-A-IN-4R	Initial Install, Standard Delivery, Inst, 4hr	S
SVC-INST-A-IN-NBR	Initial Install, Standard Delivery, Inst, NBD	S
SVC-SEC-2HR	HW Support, Secure, 2hr	S
SVC-SEC-4HR	HW Support, Secure, 4hr	S
SVC-SEC-NBD	HW Support, Secure, NBD	S
SVC-INST-SEC-2HR	Initial Install, Secure, 2hr	S
SVC-INST-SEC-4HR	Initial Install, Secure, 4hr	S
SVC-INST-SEC-NBD	Initial Install, Secure, NBD	S
SVC-SEC-2D	HW Support, Secure, Parts Delivery, 2hr	S
SVC-SEC-4D	HW Support, Secure, Parts Delivery, 4hr	S
SVC-SEC-NBDD	HW Support, Secure, Parts Delivery, NBD	S
SW-SSP-O-2HR	SW Subs,Premium,2hr	S
SW-SSP-O-4HR	SW Subs,Premium,4hr	S
SW-SSP-O-NBD	SW Subs, Premium, NBD	S
SW-SSP-A-4D	SW Subs, Standard, Parts Delivery, 4hr	S
SW-SSP-A-4R	SW Subs, Standard Replace, 4hr	S
SW-SSP-A-NBR	SW Subs, Standard Replace, NBD	S
SW-SSP-A-IN-4D	SW Subs, Standard, Inst, 4hr	S
SW-SSP-A-IN-4R	SW Subs, Standard Replace, Inst, 4hr	S
SW-SSP-A-IN-NBR	SW Subs, Standard Replace, Inst, NBD	S
SW-SSP-SEC-2HR	SW Subs,Secure,2hr	S
SW-SSP-SEC-4HR	SW Subs,Secure,4hr	S
SW-SSP-SEC-NBD	SW Subs, Secure, NBD	S
SW-SSP-SEC-2D	SW Subs, Secure, Parts Delivery, 2hr	S
SW-SSP-SEC-4D	SW Subs, Secure Parts Delivery, 4hr	S
SW-SSP-SEC-NBDD	SW Subs, Secure Parts Delivery, NBD	S

Software Subscription Plans

Software subscription plans for all of the software options in this bulletin (including the Brocade EFCM package) are supported fully through NetApp SupportEdge services.

Downloading

To download the latest FOS version, go to

Product Availability

Brocade 300, 5100, and 5300 8Gb/sec FC switches for NetApp Select Bundles will be available to quote in the August 4, 2008, release of the Quote Tool.

7. Regulatory Compliance

Meets all defined NetApp EMI and ROHS compliance requirements.

8. Warranty and Service

The warranty, extended warranty, and NetApp SupportEdge purchases and renewals apply to Brocade 300, 5100, and 5300 8Gb/sec FC switches just as they do to storage controllers (FAS systems) and other Brocade switches already under NetApp SupportEdge services. Customers can order SupportEdge Premium, SupportEdge Standard, and SupportEdge Secure for Government.

9. Additional Information

Contact Information: Please contact your NetApp sales or channel partner representative with questions concerning this bulletin.