

Cisco MDS 9100 Multilayer Fabric Switch On-Demand Ports Licensing

Package Description

The base configuration for Cisco® MDS 9100 Multilayer Fabric Switches includes enough active ports for the customer to build an entry-level storage area network (SAN). On-demand ports allow the customer to benefit from Cisco MDS 9000 SAN-OS Software features, while initially purchasing only a small number of activated ports on a Cisco MDS 9100 switch. Customers can expand switch connectivity as needed by licensing additional ports.

Product Information

The following activation licenses are provided for on-demand ports:

- The Cisco MDS 9124 24-Port Multilayer Fabric Switch comes with 8 ports activated. An additional 8 ports can be activated with each on-demand port activation license, up to a total of 24 ports.
- The HP Cisco MDS 9124e fibre Channel blade switch for HP C Class BladeSwitch has 8 internal ports and 4 external ports activated in the base model. A single on-demand port activation license activates the remaining ports (8 internal and 4 external ports).
- The Cisco MDS 9148 Multilayer Fabric Switch has the flexibility to expand from 16 to 48 ports in 8-port increments with each on-demand port activation license.
- The IBM Cisco MDS Fibre Channel blade switch has 7 internal ports and 3 external ports activated in the base model. A single on-demand port activation license activates the remaining ports (7 internal and 3 external).

Software Release

To use on-demand port licensing, Cisco MDS 9000 SAN-OS Software Release 3.1(1) or later must be installed on a Cisco MDS 9100 switch.

A number of Cisco MDS 9000 family products use on-demand port licensing:

Cisco MDS 9124

- DS-C9124-K9
Cisco MDS 9000 24-port 1/2/4-Gbps Fibre Channel Switching Module

Cisco MDS 9148

- DS-C9148-16P-K9
Cisco MDS 9148 Multilayer Fabric Switch with 16 1/2/4/8-Gbps active ports
- DS-C9148-32P-K9
Cisco MDS 9148 Multilayer Fabric Switch with 32 1/2/4/8-Gbps active ports

Hewlett-Packard Cisco Blade Switch

- DS-HP-FC-K9
HP Cisco MDS 9124e Fibre Channel blade switch for HP C Class Blade Switch
- DS-HP-FC-K9=
Spare

IBM Cisco Blade Switch

- DS-IBM-FC-K9
IBM Cisco MDS Fibre Channel blade switch
- DS-IBM-FC-K9=
Spare

Ordering Information

The product numbers associated with this package are as follows:

- M9124PL8-4G
Cisco MDS 9124 On-Demand Port Activation License; activates increments of 8 ports
- M9124PL8-4G=
Cisco MDS 9124 On-Demand Port Activation License; activates increments of 8 ports (spare)
- M9148PL8-8G
Cisco MDS 9148 On-Demand Port Activation License; activates increments of 8 ports
- M9148PL8-8G=
Cisco MDS 9148 On-Demand Port Activation License; activates increments of 8 ports (spare)
- IBM-PL10-4G
On-Demand Port Activation License for IBM Blade Switch
- IBM-PL10-4G=
On-Demand Port Activation License for IBM Blade Switch (spare)
- HP-PL12-4G
On-Demand Port Activation License for HP Blade Switch
- HP-PL12-4G=
On-Demand Port Activation License for HP Blade Switch (spare)

Additional References

For more information, see the following:

- Cisco MDS 9000 SAN-OS Software data sheet at
http://www.cisco.com/en/US/products/hw/ps4159/ps4358/products_data_sheet09186a00801bcfd8.html
- Cisco MDS 9000 Family Enterprise License data sheet at
http://www.cisco.com/en/US/prod/collateral/ps4159/ps6409/ps6029/product_data_sheet09186a00801ca6ac.html




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