



End-of-Sale and End-of-Life Announcement for the Cisco 12000 Series 2-Port OC-12c/STM-4c DPT Line Cards

Cisco Systems announces the end of life of the Cisco 12000 Series 2-Port OC-12c/STM-4c DPT line cards (2-Port OC-12 DPT line cards). The last day to order the 2-Port OC-12 DPT line cards is December 01, 2003. Customers will continue to receive support from the Cisco Technical Assistance Center (TAC) until December 01, 2008. Table 1 describes the end-of-life milestones, definitions, and dates for the 2-Port OC-12 DPT line cards.

Customers are encouraged to migrate to the Cisco 12000 Series 4-Port OC-12c/STM-4c DPT ISE line cards (4-Port OC-12 DPT ISE line cards). These Dynamic Packet Transport (DPT) line cards are higher-performance, feature-rich line cards based on the Internet Services Engine (ISE). Information about these products can be found at:

http://www.cisco.com/en/US/products/hw/modules/ps2710/products_data_sheet09186a00800886ff.html.

Table 3 provides relevant information for migrating from the 2-Port OC-12 DPT line cards to the 4-Port OC-12 DPT ISE line cards.

Table 1 End-of-Life Milestones and Dates for the 2-Port OC12 DPT Line Cards

| Milestone | Definition | Date |
|--|---|-------------------|
| End-of-life announcement date | The date the document that announces the end of sale and end of life of a product is distributed to the general public. | March 29, 2003 |
| End of sale date | The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date. | December 01, 2003 |
| Last shipment date | The last-possible date that Cisco and/or its contract manufacturers will ship the affected product. | March 01, 2004 |
| End of new service attachment date | For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract. | December 01, 2004 |
| End of software maintenance releases date | The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software. | December 01, 2006 |
| End of Routine failure analysis date | The last possible date a routine failure analysis may be performed to determine the cause of product failure or defect. | December 01, 2006 |



Table 1 End-of-Life Milestones and Dates for the 2-Port OC12 DPT Line Cards

| Milestone | Definition | Date |
|---|--|--------------------|
| End of service contract renewal date | The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support. | September 01, 2008 |
| Last date of support | The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete. | December 01, 2008 |

Table 2 Product Part Numbers Affected by This Announcement

| End-of-Sale Product Part Number | Product Description |
|---------------------------------|---|
| OC12/SRP-IR-SC-B(=) | OC-12 SRP Intermediate Reach (IR) Line Card |
| OC12/SRP-LR-SC-B(=) | OC-12 SRP Long Reach (LR) Line Card |
| OC12/SRP-XR-SC-B(=) | OC-12 SRP Extra Long Reach (XR) Line Card |
| OC12/SRP-MM-SC-B(=) | OC-12 SRP Multi-Mode (MM) Line Card |

Product Migration Options

The recommended replacement for the 2-Port OC-12 DPT line cards is the 4-Port OC-12 DPT ISE line cards (Table 3). The 4-Port OC-12 DPT ISE line cards provide full line-rate throughput for IP forwarding and Multiprotocol Label Switching (MPLS) with the ISE. These newer line cards provide faster handling of packets generated by mission-critical applications as well as delay-sensitive real-time applications such as voice and video over IP.

Table 3 Product Comparisons

| | 2-Port DPT Line Cards | 4-Port DPT ISE Line Cards |
|------------------------------|--|--|
| Throughput | <ul style="list-style-type: none"> • 750,000 pps • 622 Mbps (maximum 50 percent of ring bandwidth) | <ul style="list-style-type: none"> • 4 Mpps • 2.5 Gbps (100 percent ring bandwidth) |
| MPLS | Reduced performance | Full rate |
| Quality of service | One queue on transmit (head of line blocking risk) | <ul style="list-style-type: none"> • High/low priority transmit queues SRP type of service (TOS) • IP TOS to SRP TOS • Engine—2000 queues |
| Access list | 128 entries | 20,000 entries |
| Committed Access Rate | Reduced performance | Full rate |
| NetFlow | Not supported | Supported |

Table 3 Product Comparisons

| | 2-Port DPT Line Cards | 4-Port DPT ISE Line Cards |
|--------------|--|--------------------------------------|
| Part numbers | OC12/SRP-IR-SC-B OC12/SRP-LR-SC-B OC12/SRP-XR-SC OC12/SRP-MM-SC-B | 4OC12X/SRP-IR-LC 4OC12X/SRP-XR-LC |

Customers can use the Cisco Technology Migration Plan (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, go to:

<http://www.cisco.com/go/tradein/>.

The Cisco TMP application requires all users to have a Cisco.com user ID.

Read the following Q&A documents for more information about line cards associated with the Cisco 12000 Series:

http://www.cisco.com/en/US/products/hw/routers/ps167/products_qanda_item09186a00800886f8.shtml

http://www.cisco.com/en/US/products/hw/routers/ps167/products_qanda_item09186a008009209f.shtml

http://www.cisco.com/en/US/products/hw/routers/ps167/products_qanda_item09186a00800920be.shtml

Additional Information

For more information about Cisco products, please contact your Cisco account manager and/or Cisco Channel Partner.

For more information about the Cisco End-of-Life Policy, go to:

http://www.cisco.com/en/US/products/prod_end_of_life.html



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