

## End-of-Sale and End-of-Life Announcement for the Cisco IOS Software Release 12.2(33)SXH

EOL7159

Cisco announces the end-of-sale dates for the Cisco IOS Software Release 12.2(33)SXH. The last day to order the affected product(s) is March 21, 2011. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available until the termination date of the contract, even if this date exceeds the Last Date of Support shown in Table 1. This announcement is limited to the IOS throttle listed, and subsequent IOS throttles continue to be available and support till further notice.

**Table 1.** End-of-Life Milestones and Dates for the Cisco IOS Software Release 12.2(33)SXH

| Milestone   | Definition   | Requested Date     |
|---|--|--------------------|
| <b>End-of-Life Announcement Date</b>  | The date the document that announces the end of sale and end of life of a product is distributed to the general public.  | September 20, 2010 |
| <b>End-of-Sale Date</b>   | The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.  | March 21, 2011     |
| <b>Last Ship Date: OS SW</b>  | The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.  | March 21, 2011     |
| <b>End of SW Maintenance Releases Date: 12.2(33)SXH OS SW</b>               | The last date that Cisco Engineering may release any final software maintenance releases or software fixes through rebuilds of Release 12.2(33)SXH.  | October 20, 2010   |
| <b>End of SW Maintenance Releases Date through product migration: OS SW</b> | The last date that Cisco Engineering may release any final software maintenance releases or software fixes through rebuilds of Release IOS 12.2(33)SXI or subsequent releases. After this date, Cisco Engineering will no longer repair bugs found in IOS 12.2(33)SXH.   | March 21, 2012     |
| <b>End of Vulnerability/Security Support: OS SW</b>                         | The last date that Cisco will provide support for security vulnerabilities, defined as network-impacting security vulnerabilities that have been identified by the Customer to Cisco TAC and subsequently qualified via Cisco's normal evaluation process. Security/Vulnerability Engineering support provided between October 20, 2011 to March 21, 2014 will be only through rebuilds of Release 12.2(33)SXI or follow on releases. Critical security and vulnerability fixes will be provided according to the following terms and conditions: <ul style="list-style-type: none"> <li>• Cisco TAC will first use commercially reasonable efforts to work with the Customer to determine the locality of impact and to find a workaround for the problem.</li> <li>• If an alternative workaround is not possible during the extended period of support, then Cisco will make commercially reasonable efforts to provide a bug fix solution in Release 12.2(33)SXI or follow on releases to remedy the problem.</li> <li>• If despite commercially reasonable efforts Cisco is unable to provide a software based solution, it may be necessary for the Customer to remove or upgrade the impacted software based systems to correct the problem.</li> </ul> | October 20, 2011   |
| <b>Last Date of Support:</b>  | 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.   | March 18, 2016     |

HW = Hardware    OS SW = Operating System Software    App. SW = Application Software

**Table 2.** Product Part Numbers Affected by This Announcement

| End-of-Sale Product Part Number | Product Description  | Replacement Product Part Number | Replacement Product Description                              | Additional Information |
|---------------------------------|--|---------------------------------|--|------------------------|
| S323AEK9-12233SXH               | Cisco CAT6000-SUP32 IOS ADVANCED ENTERPRISE SERVICES SSH     | S323AEK9-12233SXI               | Cisco CAT6000-SUP32 IOS ADVANCED ENTERPRISE SERVICES SSH     | --                     |
| S323AEK9L-12233SXH              | Cisco CAT6000-SUP32 IOS ADV ENT SERV SSH LAN ONLY            | S323AEK9L-12233SXI              | Cisco CAT6000-SUP32 IOS ADV ENT SERV SSH LAN ONLY            | --                     |
| S323AEK9M-12233SXH              | Cisco CAT6000-SUP32 IOS ADVANCED ENT SERVICES SSH (MODULAR)  | S323AEK9M-12233SXI              | Cisco CAT6000-SUP32 IOS ADVANCED ENT SERVICES SSH (MODULAR)  | --                     |
| S323AEK9N-12233SXH              | Cisco CAT6000-SUP32 IOS ADV ENT SERV SSH LAN ONLY (MODULAR)  | S323AEK9N-12233SXI              | Cisco CAT6000-SUP32 IOS ADV ENT SERV SSH LAN ONLY (MODULAR)  | --                     |
| S323AIK9-12233SXH               | Cisco CAT6000-SUP32 IOS ADVANCED IP SERVICES SSH             | S323AIK9-12233SXI               | Cisco CAT6000-SUP32 IOS ADVANCED IP SERVICES SSH             | --                     |
| S323AIK9M-12233SXH              | Cisco CAT6000-SUP32 IOS ADVANCED IP SERVICES SSH (MODULAR)   | S323AIK9M-12233SXI              | Cisco CAT6000-SUP32 IOS ADVANCED IP SERVICES SSH (MODULAR)   | --                     |
| S323FPD-12233SXH                | Cisco CAT6000-SUP32 IOS FIELD PROGRAMMABLE DEVICE IMAGE      | S323FPD-12233SXI                | Cisco CAT6000-SUP32 IOS FIELD PROGRAMMABLE DEVICE IMAGE      | --                     |
| S323IBK9L-12233SXH              | Cisco CAT6000-SUP32 IOS IP BASE SSH LAN ONLY                 | S323IBK9L-12233SXI              | Cisco CAT6000-SUP32 IOS IP BASE SSH LAN ONLY                 | --                     |
| S323IBK9N-12233SXH              | Cisco CAT6000-SUP32 IOS IP BASE SSH LAN ONLY (MODULAR)       | S323IBK9N-12233SXI              | Cisco CAT6000-SUP32 IOS IP BASE SSH LAN ONLY (MODULAR)       | --                     |
| S323IBL-12233SXH                | Cisco CAT6000-SUP32 IOS IP BASE LAN ONLY                     | S323IBL-12233SXI                | Cisco CAT6000-SUP32 IOS IP BASE LAN ONLY                     | --                     |
| S323IBN-12233SXH                | Cisco CAT6000-SUP32 IOS IP BASE LAN ONLY (MODULAR)           | S323IBN-12233SXI                | Cisco CAT6000-SUP32 IOS IP BASE LAN ONLY (MODULAR)           | --                     |
| S323ISK9-12233SXH               | Cisco CAT6000-SUP32 IOS IP SERVICES SSH                      | S323ISK9-12233SXI               | Cisco CAT6000-SUP32 IOS IP SERVICES SSH                      | --                     |
| S323ISK9M-12233SXH              | Cisco CAT6000-SUP32 IOS IP SERVICES SSH (MODULAR)            | S323ISK9M-12233SXI              | Cisco CAT6000-SUP32 IOS IP SERVICES SSH (MODULAR)            | --                     |
| S523AIK9L-12233SXH              | Cisco ME 6524 IOS ADVANCED IP SERVICES SSH LAN ONLY          | S523AIK9L-12233SXI              | Cisco ME 6524 IOS ADVANCED IP SERVICES SSH LAN ONLY          | --                     |
| S523AIK9N-12233SXH              | Cisco ME 6524 IOS ADV IP SERV SSH LAN ONLY (MODULAR)         | S523AIK9N-12233SXI              | Cisco ME 6524 IOS ADV IP SERV SSH LAN ONLY (MODULAR)         | --                     |
| S523IBK9L-12233SXH              | Cisco ME 6524 IOS IP BASE SSH LAN ONLY                       | S523IBK9L-12233SXI              | Cisco ME 6524 IOS IP BASE SSH LAN ONLY                       | --                     |
| S523IBK9N-12233SXH              | Cisco ME 6524 IOS IP BASE SSH LAN ONLY (MODULAR)             | S523IBK9N-12233SXI              | Cisco ME 6524 IOS IP BASE SSH LAN ONLY (MODULAR)             | --                     |
| S523IBL-12233SXH                | Cisco ME 6524 IOS IP BASE LAN ONLY                           | S523IBL-12233SXI                | Cisco ME 6524 IOS IP BASE LAN ONLY                           | --                     |
| S523IBN-12233SXH                | Cisco ME 6524 IOS IP BASE LAN ONLY (MODULAR)                 | S523IBN-12233SXI                | Cisco ME 6524 IOS IP BASE LAN ONLY (MODULAR)                 | --                     |
| S733AEK9-12233SXH               | Cisco CAT6000-SUP720 IOS ADVANCED ENTERPRISE SERVICES SSH    | S733AEK9-12233SXI               | Cisco CAT6000-SUP720 IOS ADVANCED ENTERPRISE SERVICES SSH    | --                     |
| S733AEK9L-12233SXH              | Cisco CAT6000-SUP720 IOS ADV ENT SERV SSH LAN ONLY           | S733AEK9L-12233SXI              | Cisco CAT6000-SUP720 IOS ADV ENT SERV SSH LAN ONLY           | --                     |
| S733AEK9M-12233SXH              | Cisco CAT6000-SUP720 IOS ADVANCED ENT SERVICES SSH (MODULAR) | S733AEK9M-12233SXI              | Cisco CAT6000-SUP720 IOS ADVANCED ENT SERVICES SSH (MODULAR) | --                     |
| S733AEK9N-12233SXH              | Cisco CAT6000-SUP720 IOS ADV ENT SERV SSH LAN ONLY (MODULAR) | S733AEK9N-12233SXI              | Cisco CAT6000-SUP720 IOS ADV ENT SERV SSH LAN ONLY (MODULAR) | --                     |
| S733AIK9-12233SXH               | Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH            | S733AIK9-12233SXI               | Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH            | --                     |

| End-of-Sale Product Part Number | Product Description  | Replacement Product Part Number | Replacement Product Description                              | Additional Information |
|---------------------------------|--|---------------------------------|--|------------------------|
| S733AIK9L-12233SXH              | Cisco CAT6000-SUP720 IOS ADV IP SERV SSH LAN ONLY            | S733AIK9N-12233SXI              | Cisco CAT6000-SUP720 IOS ADV IP SERV SSH LAN ONLY (MODULAR)  | --                     |
| S733AIK9M-12233SXH              | Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH (MODULAR)  | S733AIK9M-12233SXI              | Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH (MODULAR)  | --                     |
| S733AIK9N-12233SXH              | Cisco CAT6000-SUP720 IOS ADV IP SERV SSH LAN ONLY (MODULAR)  | S733AIK9N-12233SXI              | Cisco CAT6000-SUP720 IOS ADV IP SERV SSH LAN ONLY (MODULAR)  | --                     |
| S733FPD-12233SXH                | Cisco CAT6000-SUP720 IOS FIELD PROGRAMMABLE DEVICE IMAGE     | S733FPD-12233SXI                | Cisco CAT6000-SUP720 IOS FIELD PROGRAMMABLE DEVICE IMAGE     | --                     |
| S733IS-12233SXH                 | Cisco CAT6000-SUP720 IOS IP SERVICES                         | S733IS-12233SXI                 | Cisco CAT6000-SUP720 IOS IP SERVICES                         | --                     |
| S733ISK9-12233SXH               | Cisco CAT6000-SUP720 IOS IP SERVICES SSH                     | S733ISK9-12233SXI               | Cisco CAT6000-SUP720 IOS IP SERVICES SSH                     | --                     |
| S733ISK9L-12233SXH              | Cisco CAT6000-SUP720 IOS IP SERVICES SSH LAN ONLY            | S733ISK9L-12233SXI              | Cisco CAT6000-SUP720 IOS IP SERVICES SSH LAN ONLY            | --                     |
| S733ISK9M-12233SXH              | Cisco CAT6000-SUP720 IOS IP SERVICES SSH (MODULAR)           | S733ISK9M-12233SXI              | Cisco CAT6000-SUP720 IOS IP SERVICES SSH (MODULAR)           | --                     |
| S733ISK9N-12233SXH              | Cisco CAT6000-SUP720 IOS IP SERVICES SSH LAN ONLY (MODULAR)  | S733ISK9N-12233SXI              | Cisco CAT6000-SUP720 IOS IP SERVICES SSH LAN ONLY (MODULAR)  | --                     |
| S733ISM-12233SXH                | Cisco CAT6000-SUP720 IOS IP SERVICES (MODULAR)               | S733ISM-12233SXI                | Cisco CAT6000-SUP720 IOS IP SERVICES (MODULAR)               | --                     |
| SV33AEK9-12233SXH               | Cisco CAT6000-VSS720 IOS ADVANCED ENTERPRISE SERVICES SSH    | SV33AEK9-12233SXI               | Cisco CAT6000-VSS720 IOS ADVANCED ENTERPRISE SERVICES SSH    | --                     |
| SV33AEK9L-12233SXH              | Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY           | SV33AEK9L-12233SXI              | Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY           | --                     |
| SV33AEK9M-12233SXH              | Cisco CAT6000-VSS720 IOS ADVANCED ENT SERVICES SSH (MODULAR) | SV33AEK9M-12233SXI              | Cisco CAT6000-VSS720 IOS ADVANCED ENT SERVICES SSH (MODULAR) | --                     |
| SV33AEK9N-12233SXH              | Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY (MODULAR) | SV33AEK9N-12233SXI              | Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY (MODULAR) | --                     |
| SV33AIK9-12233SXH               | Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH            | SV33AIK9-12233SXI               | Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH            | --                     |
| SV33AIK9L-12233SXH              | Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY            | SV33AIK9L-12233SXI              | Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY            | --                     |
| SV33AIK9M-12233SXH              | Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH (MODULAR)  | SV33AIK9M-12233SXI              | Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH (MODULAR)  | --                     |
| SV33AIK9N-12233SXH              | Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY (MODULAR)  | SV33AIK9N-12233SXI              | Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY (MODULAR)  | --                     |
| SV33FPD-12233SXH                | Cisco CAT6000-VSS720 IOS FIELD PROGRAMMABLE DEVICE IMAGE     | SV33FPD-12233SXI                | Cisco CAT6000-VSS720 IOS FIELD PROGRAMMABLE DEVICE IMAGE     | --                     |
| SV33IBK9L-12233SXH              | Cisco CAT6000-VSS720 IOS IP BASE SSH LAN ONLY                | SV33IBK9L-12233SXI              | Cisco CAT6000-VSS720 IOS IP BASE SSH LAN ONLY                | --                     |
| SV33IBK9N-12233SXH              | Cisco CAT6000-VSS720 IOS IP BASE SSH LAN ONLY (MODULAR)      | SV33IBK9N-12233SXI              | Cisco CAT6000-VSS720 IOS IP BASE SSH LAN ONLY (MODULAR)      | --                     |
| SV33IBL-12233SXH                | Cisco CAT6000-VSS720 IOS IP BASE LAN ONLY                    | SV33IBL-12233SXI                | Cisco CAT6000-VSS720 IOS IP BASE LAN ONLY                    | --                     |
| SV33IBN-12233SXH                | Cisco CAT6000-VSS720 IOS IP BASE LAN ONLY (MODULAR)          | SV33IBN-12233SXI                | Cisco CAT6000-VSS720 IOS IP BASE LAN ONLY (MODULAR)          | --                     |
| SV33IS-12233SXH                 | Cisco CAT6000-VSS720 IOS IP SERVICES                         | SV33IS-12233SXI                 | Cisco CAT6000-VSS720 IOS IP SERVICES                         | --                     |
| SV33ISK9-12233SXH               | Cisco CAT6000-VSS720 IOS IP SERVICES SSH                     | SV33ISK9-12233SXI               | Cisco CAT6000-VSS720 IOS IP SERVICES SSH                     | --                     |

| End-of-Sale Product Part Number | Product Description  | Replacement Product Part Number | Replacement Product Description                    | Additional Information |
|---------------------------------|--|---------------------------------|--|------------------------|
| SV33ISK9C-12233SXH              | Cisco CAT6000-VSS720 IOS IP SERVICES SSH - DEFAULT           | SV33ISK9C-12233SXI              | Cisco CAT6000-VSS720 IOS IP SERVICES SSH - DEFAULT | --                     |
| SV33ISK9M-12233SXH              | Cisco CAT6000-VSS720 IOS IP SERVICES SSH (MODULAR)           | SV33ISK9M-12233SXI              | Cisco CAT6000-VSS720 IOS IP SERVICES SSH (MODULAR) | --                     |
| SV33ISK9O-12233SXH              | Cisco CAT6000-VSS720 IOS IP SERVICES SSH (MODULAR) - DEFAULT | SV33ISK9M-12233SXI              | Cisco CAT6000-VSS720 IOS IP SERVICES SSH (MODULAR) | --                     |
| SV33ISM-12233SXH                | Cisco CAT6000-VSS720 IOS IP SERVICES (MODULAR)               | SV33ISM-12233SXI                | Cisco CAT6000-VSS720 IOS IP SERVICES (MODULAR)     | --                     |

## Product Migration Options

Customers are encouraged to migrate to the Cisco IOS Software Release 12.2(33)SXI. Information about this product can be found at:

### Cisco IOS Software Release 12.2(33)SXI: Introduction

<http://www.cisco.com/en/US/products/ps9673/index.html>

### Cisco IOS Software Release 12.2(33)SXI, New Features and Hardware Support

[http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps6970/ps6017/ps9673/product\\_bulletin\\_c25-503086\\_ps708\\_Products\\_Bulletin.html](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps6970/ps6017/ps9673/product_bulletin_c25-503086_ps708_Products_Bulletin.html)

### New Features in Cisco IOS Software Release 12.2(33)SXI4

[http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/product\\_bulletin\\_c25\\_603217.html](http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/product_bulletin_c25_603217.html)

Service prices for Cisco products are subject to change after the product End of Sale date.

The Cisco Takeback and Recycle program helps businesses dispose properly of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to:

[http://www.cisco.com/web/about/ac227/ac228/ac231/about\\_cisco\\_takeback\\_recycling.html](http://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html)

## For More Information

For more information about the Cisco IOS Software Release 12.2(33)SXI, visit

[http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps6970/ps6017/ps9673/product\\_bulletin\\_c25-503086\\_ps708\\_Products\\_Bulletin.html](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps6970/ps6017/ps9673/product_bulletin_c25-503086_ps708_Products_Bulletin.html), or contact your local account representative.

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[http://www.cisco.com/en/US/products/products\\_end-of-life\\_policy.html](http://www.cisco.com/en/US/products/products_end-of-life_policy.html)

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