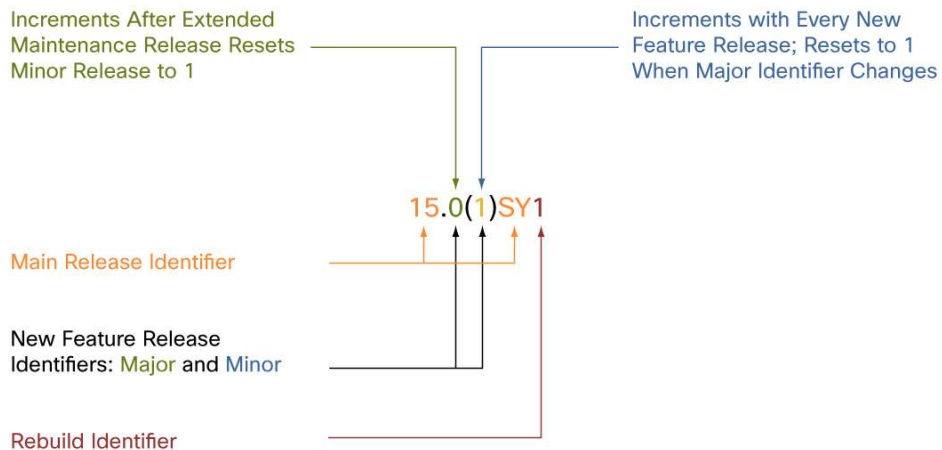


Cisco IOS Software Major Release 15SY on Cisco Catalyst 6500 Series Switches

Cisco announces new software release designations effective October 31, 2011 for new technology releases of the Cisco IOS[®] Software Major Release 15SY for the Cisco[®] Catalyst[®] 6500 Series Switches. This announcement provides clarity on nomenclature and software maintenance plans for Cisco IOS Software Major Release 15SY and does not change any Cisco standard end-of-life policies, located at http://www.cisco.com/en/US/products/products_end-of-life_policy.html. The Cisco standard end-of-life policy defines maintenance and support requirements for a major release, which for the Cisco Catalyst 6500 Series is Cisco IOS Software Major Release 15SY. Figure 1 explains the release numbering convention for the Cisco IOS Software Major Release 15SY.

Figure 1. Release Numbering Convention for Cisco IOS Software Major Release 15SY



The end-of-life policy does not specify how long bug-fix maintenance rebuilds can be expected on a new technology release such as Cisco IOS Software Release 15.0(1)SY on Major Release 15SY. Under current policy, after a new technology release becomes available on a major release, bug fixes will generally not be applied to previous new technology releases of the same major release. To get comprehensive bug fixes, customers must move to the latest new technology release.

As long as maintenance is offered under the Cisco end-of-life policies for a major release, bug fixes will continue to be applied to that release, but they can be expected to appear only in the most recent new technology release of that major release. For example, for Cisco IOS Software Major Release 15SY, a move from Cisco IOS Software Release 15.0(1)SY to Release 15.1(1)SY would be required after Release 15.1(1)SY is available, to get bug fixes through rebuilds.

To allow customers to qualify, deploy, and remain on a new technology release for more than 6 to 12 months with active bug-fix maintenance plans, Cisco will now designate new technology releases on Cisco IOS Software Major Release 15SY as either a standard maintenance release or an extended maintenance release. A standard maintenance release will offer regular bug-fix maintenance rebuilds for 12 months, and an extended maintenance release will offer bug-fix maintenance rebuilds for 24 months.

Under the new policy, bug fixes can be expected in any new technology release that is in an active maintenance state as defined by the standard maintenance and extended maintenance release designators. For the details of the Cisco Catalyst 6500 Series software release maintenance policy, see http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/prod_bulletin0900aec804f0694.html.

Cisco IOS Software Release 15.0(1)SY

Cisco IOS Software Release 15.0(1)SY for the Cisco Catalyst 6500 Series is the first feature release of Cisco IOS Software Major Release 15SY. It is also the first extended maintenance release for the Cisco Catalyst 6500 Series Supervisor Engine 2T. Table 1 provides the goals and dates for the Cisco IOS Software Release 15.0(1)SY maintenance release. The second Cisco IOS Software release for the Cisco Catalyst 6500 Series is 15.1(1)SY. This is the first release that will support the Supervisor 2T and Supervisor 720 on the same software train. Table 2 provides goals and dates for Cisco IOS Software Release 15.1(1)SY standard maintenance release.

Table 1. Cisco IOS Software Release 15.0(1)SY Goals and Dates as the First Extended Maintenance Release

Goal	Date
Posting to Cisco Software Download Center	October 2011
End of extended maintenance	September 2014
End of critical maintenance	September 2015

Table 2. Cisco IOS Software Release 15.1(1)SY Goals and Dates for Standard Maintenance Release

Goal	Date
Posting to Cisco Software Download Center	October 2012
End of extended maintenance	October 2013
End of critical maintenance	October 2014

Standard Maintenance and Extended Maintenance Release Identification

At the time of initial posting to the Cisco Software Download Center, the product bulletin and release notes for a new release will be updated to indicate whether the release is designated as a standard maintenance release or an extended maintenance release. Note that the “Posting to Cisco Software Download Center” date is effective on the initial new technology release posting for all subsequent rebuilds of that release. For example, the “Posting to Cisco Software Download Center” date for Cisco IOS Software Release 15.0(1)SY3 will be the date that Cisco IOS Software Release 15.0(1)SY is first posted to the Cisco Software Download Center website. Therefore, the standard maintenance and extended maintenance designations and dates apply only to the first build of a new technology release, such as Cisco IOS Software Release 15.0(1)SY, and all subsequent rebuilds will be subject to the same policy and dates. Cisco Catalyst 6500 Series software release maintenance policy is available at http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/prod_bulletin0900aec804f0694.html.

Software Upgrade Options

Release 15.0(1)SY provides three different software packages: IP Base, Advanced IP Services, and Advanced Enterprise Services. Going forward, we shall provide options for our customers to upgrade from a lower package to a higher package by paying a price difference between the two package offerings. Table 3 lists product IDs for upgrading the software package for Release 15.0(1)SY. Additional information can be found in the Release 15.0(1)SY product bulletin. The actual image for the upgrade PID is identical to the non upgrade PID. For example the IOS for the upgrade from IP Services to Advanced IP Services is actually the same as Advanced IP Services.

Table 3. Cisco IOS Software Release 15.0(1)SY Product Description and Product IDs

Description	Product ID
Cisco CAT6000-VS-S2T IOS UPD IOS ADV IP 2 ADV ENT NPE	S2TAAE9N-15001SY=
Cisco CAT6000-VS-S2T IOS UPD IOS ADV IP 2 ADV ENT ENCRYPT	S2TAIAE9-15001SY=
Cisco CAT6000-VS-S2T IOS UPD IOS IP SRV 2 ADV ENT ENCRYPT	S2TIAE9-15001SY=
Cisco CAT6000-VS-S2T IOS UPD IOS IP SRV 2 ADV ENT NPE	S2TIAE9N-15001SY=
Cisco CAT6000-VS-S2T IOS UPD IP SRV 2 ADV IP ENCRYPT	S2TIAI9-15001SY=
Cisco CAT6000-VS-S2T IOS UPD IP SRV 2 ADV IP NPE	S2TIAI9N-15001SY=

Feature and Packaging Information

This section describes the high-level features that are supported on the Cisco Catalyst 6500 platform and software packages in which they belong. Table 4 is provided as a reference for high-level features available in each package; if a particular feature is not listed in Table 4, look at the Cisco.com Feature Navigator tool.

Table 4. Cisco IOS Software Release 15.0(1)SY Feature and Packaging Information

Package	IP Base	IP Services	Advanced IP Services	Advanced Enterprise Services
Multicast	√	√	√	√
VSS	√	√	√	√
High Availability	√	√	√	√
CMP	√	√	√	√
TrustSec IEEE 802.1x	√	√	√	√
TrustSec MACSec	√	√	√	√
TrustSec SGACL	√	√	√	√
OSPF for Routed Access	√	√	√	√
EIGRP Stub	√	√	√	√
EEM	√	√	√	√
RIP	√	√	√	√
HSRP/VRRP	√	√	√	√
GRE	√	√	√	√
WCCP	√	√	√	√
IPv6 FHS	√	√	√	√
USB Console	√	√	√	√
Flexible NetFlow	√	√	√	√

Package	IP Base	IP Services	Advanced IP Services	Advanced Enterprise Services
Egress NetFlow	√	√	√	√
Sampled NetFlow	√	√	√	√
IPv6/IPv6 Access lists	√	√	√	√
802.1q Tunneling (QinQ)	√	√	√	√
Quad Supervisor VSS	√	√	√	√
Smart Install	√	√	√	√
IPv6 WCCP	√	√	√	√
NMSP	√	√	√	√
IPv6 Extended Access Control Lists	√	√	√	√
Easy Virtual Networks (EVN)		√	√	√
EIGRP		√	√	√
OSPF		√	√	√
GLBP		√	√	√
NAT		√	√	√
VRF-Lite		√	√	√
Advanced Multicast (mVPN)			√	√
NHRP		√	√	√
BGP		√	√	√
BGP PIC		√	√	√
IS-IS			√	√
MPLS			√	√
L3 VPNs			√	√
IP SLA			√	√
ACL Dry-run			√	√
ACL Atomic Commit			√	√
L3VPN o mGRE			√	√
EoMPLS			√	√
OSPFv3 IPSEC Authentication			√	√
VPLS (Native)				√
A-VPLS				√
DLSW+				√

For More Information

- For more information about Cisco IOS Software Major Release 15SY on the Cisco Catalyst 6500 Series, visit http://www.cisco.com/en/US/products/ps6017/prod_release_notes_list.html or contact your local account representative.
- For more information about the Cisco Catalyst 6500 Series Software release maintenance policy, visit http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/prod_bulletin0900aecd804f0694.html.
- For more information about Cisco IOS Software Releases 12.2SX and 12.2SY on the Cisco Catalyst 6500 Series, visit http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps708/prod_bulletin0900aecd804f0694.html.
- For more information about Cisco IOS Software lifecycle goals and dates, visit http://cisco.com/en/US/products/sw/iosswrel/ps5187/prod_bulletin0900aecd801eda8a.html.
- For more information about Cisco Feature Navigator, visit http://cisco.com/en/US/products/sw/iosswrel/ps5187/prod_bulletin0900aecd801eda8a.html.
- For more information about Cisco IOS Software Release 15.1(1)SY, visit http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps11821/ps11846/product_bulletin_c25-717747_ps708_Products_Bulletin.html.



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