

Cisco IOS Software Release 12.0S

Document ID: 20284

Early Deployment (ED) Release Summary

Please provide your feedback on this document.

Description	<p>Cisco IOS® Software Release 12.0S is directly pulled from the Cisco IOS 12.0 mainline. It officially supports the Cisco 7200, Cisco 7500, and Cisco 12000 platforms. The primary objective of Cisco IOS Software Release 12.0S is to become the core release running in Internet backbones. As such, Cisco IOS Software Release 12.0S was initially released to the Internet Service Provider (ISP) community. It provides the combination of features, performance, and platform support required by the ISP community.</p> <p>Starting with Cisco IOS Software Release 12.0(5)S in July 1999, Cisco will produce this release and make it available to the entire networking community.</p> <p>Since Cisco IOS Software Release 12.0S is focused on stability, it is conservative in how and when both features and platforms are integrated to maintenance releases. However, all features of Cisco IOS Software Release 12.0S to 12.0(4)S will be available in Cisco IOS 12.0(5)T and 12.0(6)T. Subsequent features may be ported to Cisco IOS Software Release 12.1T in late 1999. For example, secured shell (SSH), which first appeared in Cisco IOS Software Release 12.0(5)S, will be available in Cisco IOS 12.1(1)T. The Routing with Resource Reservation (RRR) (Multiprotocol Label Switching (MPLS) traffic engineering) feature of Cisco IOS Software Release 12.0(5)S will be ported to 12.0(6)T.</p> <ul style="list-style-type: none">• Cisco IOS Software Release 12.0 Product Bulletin• Cisco IOS Software Releases Product Bulletin• New Feature Descriptions																	
Target Market	Internet Service Providers																	
Product and Feature Support	<table border="1"><thead><tr><th>Product/Feature</th><th>Image Name</th><th>Memory Requirements Flash/DRAM</th></tr></thead><tbody><tr><td>Cisco 7200 Series</td><td>c7200–boot–mz c7200–p–mz c7200–k3p–mz</td><td>Bootflash 8 MB 16 MB/128 MB</td></tr><tr><td>Cisco 7500 Series</td><td>rsp–boot–mz rsp–pv–mz rsp–k3pv–mz rsp–k4pv–mz</td><td>Bootflash 8 MB 16 MB/128 MB</td></tr><tr><td>Cisco 10700 Series</td><td>c10700–p–mz c10700–k4p–mz</td><td>Bootflash 8 MB 40 MB/256 MB</td></tr><tr><td>Cisco 10000 Series</td><td>c10k–eboot–mz</td><td>Bootflash 8 MB</td></tr></tbody></table>	Product/Feature	Image Name	Memory Requirements Flash/DRAM	Cisco 7200 Series	c7200–boot–mz c7200–p–mz c7200–k3p–mz	Bootflash 8 MB 16 MB/128 MB	Cisco 7500 Series	rsp–boot–mz rsp–pv–mz rsp–k3pv–mz rsp–k4pv–mz	Bootflash 8 MB 16 MB/128 MB	Cisco 10700 Series	c10700–p–mz c10700–k4p–mz	Bootflash 8 MB 40 MB/256 MB	Cisco 10000 Series	c10k–eboot–mz	Bootflash 8 MB		
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Cisco 10700 Series	c10700–p–mz c10700–k4p–mz	Bootflash 8 MB 40 MB/256 MB																
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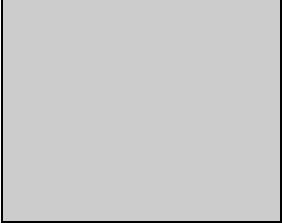
	c10k-p10-mz c10k-u2p10-mz c10k-k4p10-mz c10k-k4u2p10-mz	40 MB/512 MB
Cisco 12000 GRP Series	gsr-boot-mz gsr-p-mz gsr-k3p-mz gsr-k4p-mz	Bootflash 8 MB 20 MB/256 MB
Cisco 12000 PRP Series	c12kprp-boot-mz c12kprp-p-mz c12kprp-k3p-mz c12kprp-k4p-mz	Bootflash 8 MB 64 MB/512 MB

Life Cycle of Release	Cisco IOS Software Release 12.0S is directly parented from the Cisco IOS 12.0 main line. Cisco IOS Software Release 11.1CC features have been ported over as of Cisco IOS Software Release 11.1(17)CC to the Cisco IOS Software Release 12.0 mainline.		
	Milestones	Y2K Compliance	Release Designation
	CCO FCS:12.0(5)S July 13, 1999 MFG FCS:July 20, 1999 EOS:TBD EOE:TBD EOL:TBD ----- IOS Release version: 12.0(28)S CCO FCS date: [05/06/2004] MFG FCS date: [05/13/2004] ----- IOS Release version: 12.0(29)S CCO FCS date: 08/09/2004 MFG FCS date: 08/16/2004 ----- IOS Release version: 12.0(30)S CCO FCS date: 11/08/2004 MFG FCS date: 11/15/2004	Yes	ED Release

Maintenance Releases	<ul style="list-style-type: none"> • Projected Release Dates for Cisco IOS Software Product Bulletin • Cisco IOS Software Upgrade Planner (for Registered Customers only) <p>Resolved defects integrated in each interim, maintenance, and throttle builds:</p> <ul style="list-style-type: none"> • Cisco Bug Toolkit (for Registered Customers only) <p>Unresolved defects for each interim, maintenance, throttle builds:</p> <ul style="list-style-type: none"> • Cisco Bug Toolkit (for Registered Customers only) • Cisco IOS Software Release 12.0 Release Notes – Caveats
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Interim Builds are for test purposes only, and are usually not fully tested. These builds are NOT recommended for download to customer networks. Customers will only be provided with interim builds when a critical defect renders a release

Interim and Throttle Builds	<p>unusable.</p> <p>Throttle Builds are created to minimize collateral risk by including only customer impacting fixes. The focus is to obtain a level of stability and improved quality.</p>										
Recommended Migration	<p>The recommended migration path is not as straightforward as one would like. Look into the hardware, protocols, and features used, along with software defects to verify the above recommendation will work for your unique network. For more information on forecast of new releases see the Projected Release Dates for Cisco IOS Software Product Bulletin.</p> <p>Cisco IOS Software Release 12.0S is a unique release that will not migrate into a main release (such as Cisco IOS Software Release 12.0T, 12.1, and 12.1E). Features released in Cisco IOS Software Release 12.0S will be double committed into another release to make it into the mainline release in the future.</p> <table border="1" data-bbox="481 638 1489 1518"> <thead> <tr> <th data-bbox="481 638 1038 684">From</th> <th data-bbox="1038 638 1489 684">Synchronized Into</th> </tr> </thead> <tbody> <tr> <td data-bbox="481 684 1038 758">Cisco IOS Software Release 11.1(17)CC</td> <td data-bbox="1038 684 1489 758">Cisco IOS Software Release 12.0(1)S or later 12.0S release</td> </tr> <tr> <td data-bbox="481 758 1038 835">Cisco IOS Software Release 11.2GS</td> <td data-bbox="1038 758 1489 835">Cisco IOS Software Release 12.0(1)S or later 12.0S release</td> </tr> <tr> <td data-bbox="481 835 1038 1299">All 7200 and 7500 features, prior to Cisco IOS Software Release 12.0(7)T, are double committed into Cisco IOS Software Release 12.0T.</td> <td data-bbox="1038 835 1489 1299"> Cisco IOS Software Release 12.0(x)T (check the Cisco 7000 Family 12.0T Release Notes to verify feature support in Cisco IOS Software Release 12.0T) Cisco IOS Software Release 12.0(x)T (check the Cisco 7000 Family 12.0T Release Notes to verify feature support in Cisco IOS Software Release 12.0T) </td> </tr> <tr> <td data-bbox="481 1299 1038 1518">All features (except the Cisco 12000 features, and after the Cisco IOS Software Release 12.0(7)T) are double committed into Cisco IOS Software Release 12.1E.</td> <td data-bbox="1038 1299 1489 1518">Cisco IOS Software Release 12.1(x)E (check the Cisco 7000 Family 12.1E Release Notes to verify feature support in Cisco IOS Software Release 12.1E)</td> </tr> </tbody> </table> <p>For more information, see the Projected Release Dates for Cisco IOS Software Product Bulletin.</p>	From	Synchronized Into	Cisco IOS Software Release 11.1(17)CC	Cisco IOS Software Release 12.0(1)S or later 12.0S release	Cisco IOS Software Release 11.2GS	Cisco IOS Software Release 12.0(1)S or later 12.0S release	All 7200 and 7500 features, prior to Cisco IOS Software Release 12.0(7)T, are double committed into Cisco IOS Software Release 12.0T.	Cisco IOS Software Release 12.0(x)T (check the Cisco 7000 Family 12.0T Release Notes to verify feature support in Cisco IOS Software Release 12.0T) Cisco IOS Software Release 12.0(x)T (check the Cisco 7000 Family 12.0T Release Notes to verify feature support in Cisco IOS Software Release 12.0T)	All features (except the Cisco 12000 features, and after the Cisco IOS Software Release 12.0(7)T) are double committed into Cisco IOS Software Release 12.1E.	Cisco IOS Software Release 12.1(x)E (check the Cisco 7000 Family 12.1E Release Notes to verify feature support in Cisco IOS Software Release 12.1E)
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Support Pages	<p>For further information, refer to the following support pages.</p> <p>Release Documentation</p> <ul style="list-style-type: none"> • Cisco IOS Software Release 12.0S Product Bulletin • Cisco IOS Software Release 12.0S Release Notes <p>Other Links</p> <ul style="list-style-type: none"> • Cisco IOS General Information 										

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- Cisco IOS Software Release Field Notices
 - Cisco IOS Software Release Reference Guide

 - Guide to Cisco IOS Release Naming
 - Cisco IOS Software Release 12.0 Release Notes
 - New Feature Descriptions

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