

# Contact Center System Validation Test Bed Summary Matrix for Collaboration Systems Release



**Note**

This table identifies the components and software release versions used in the contact center system validation test beds for Cisco Collaboration Systems releases.

- Table cells with dashes indicate products that were not part of the system validation test bed.
- For complete software compatibility information for a Collaboration Systems release set, see the following:
  - For release 10.5 and onward, see Cisco Collaboration Systems Release Compatibility Matrix:  
[http://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/uc\\_system/unified/communications/system/Compatibility/CSR-Compatibility-Matrix.html](http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/unified/communications/system/Compatibility/CSR-Compatibility-Matrix.html)
  - For releases prior to 10.5, see Cisco Collaboration Compatibility Tool:  
<http://tools.cisco.com/ITDIT/vtgsc>
  - [Cisco Unified Communications Contact Center Enterprise Design Guides](#)
  - [Cisco Interoperability Portal](#)
  - [Cisco Unified Contact Center Express/Cisco Unified IP IVR Software and Hardware Compatibility Guide](#)
  - [Hardware and System Software Specification \(Bill of Materials\) for Cisco Unified ICM/Contact Center Enterprise & Hosted Editions, Release 8.0\(x\)](#)
  - [Hardware and System Software Specification for Cisco Unified Customer Voice Portal \(Unified CVP\), Release 8.5\(1\)](#)
  - Product specific compatibility documents for complete compatibility information between components.  
<http://www.cisco.com/cisco/web/support/index.html>



**Note**

For maintenance releases, this table may not be updated.



**Note**

Not all Collaboration System product release versions may be available at the same time. For latest product version availability, see individual product support pages at <http://www.cisco.com/cisco/web/support/index.html>.

To learn more about the components' features, functions, and interaction with other system components, click the technical information site for any release from the following URL:

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/uc\\_system/unified/communications/system/ucstart.htm](http://www.cisco.com/en/US/docs/voice_ip_comm/uc_system/unified/communications/system/ucstart.htm)



**Note**

For maintenance releases, the Collaboration Systems technical information sites may not be updated.

- Test beds for a release set may contain multiple IOS and CatOS versions. The predominant IOS versions are listed below.
- For a list of supported servers, see the following:
  - [Cisco Unified Communications Manager Compatibility Information<sup>1</sup>](#):  
<http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-device-support-tables-list.html>
  - Cisco Unified Contact Center Enterprise, refer to Appendix A of the Bill of Materials at:  
[http://www.cisco.com/en/US/products/sw/custcosw/ps1844/products\\_implementation\\_design\\_guides\\_list.html](http://www.cisco.com/en/US/products/sw/custcosw/ps1844/products_implementation_design_guides_list.html)
  - Cisco Unified Customer Voice Portal, refer to Unified CVP Hardware and Software Specification at:

1. Beginning with Cisco Collaboration Systems Release 10.0, Cisco is migrating from non-virtualized hardware servers to virtualized servers only. Cisco 7800 Series Media Convergence Servers are end of sale as of October 30, 2013, and are not supported for new installations of 10.0 or upgrades/migrations to 10.0. Virtual Machines are the only supported platform for Cisco Unified Communications Manager 10.0, running on either Cisco Unified Computing System or 3rd-party server. For information about best practices to setup virtualization and Cisco UCS hardware for Cisco Collaboration 10.0 applications, see [http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cucm/virtual/CUCM\\_BK\\_CA526319\\_00\\_cucm-on-virtualized-servers\\_chapter\\_00.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/virtual/CUCM_BK_CA526319_00_cucm-on-virtualized-servers_chapter_00.html) For information about best practices to migrate from Cisco 7800 series Media Convergence Servers to virtualization on Unified Computing System Virtual Machines, see "Replace a Single Server or Cluster for Cisco Unified Communications Manager Release 9.1(1)": [http://www.cisco.com/en/US/partner/docs/voice\\_ip\\_comm/cucm/install/9\\_1\\_1/replace/CUCM\\_BK\\_R1B1A464\\_00\\_replace-server-cluster-cucm-91.html](http://www.cisco.com/en/US/partner/docs/voice_ip_comm/cucm/install/9_1_1/replace/CUCM_BK_R1B1A464_00_replace-server-cluster-cucm-91.html) For information about the Cisco 7800 Series Media Convergence Server end-of-life (EOL) notice, see: <http://www.cisco.com/en/US/products/hw/voiceapp/ps378/index.html>

[http://www.cisco.com/en/US/products/sw/custcosw/ps1006/prod\\_technical\\_reference\\_list.html](http://www.cisco.com/en/US/products/sw/custcosw/ps1006/prod_technical_reference_list.html)

- Unified Contact Center Express supported platform list:

[http://www.cisco.com/en/US/products/sw/custcosw/ps1846/products\\_device\\_support\\_tables\\_list.html](http://www.cisco.com/en/US/products/sw/custcosw/ps1846/products_device_support_tables_list.html)

- Unified Communications Manager IM and Presence Server supported platform list:

[http://www.cisco.com/en/US/products/ps6837/products\\_device\\_support\\_tables\\_list.html](http://www.cisco.com/en/US/products/ps6837/products_device_support_tables_list.html)

- You can set up a virtualized environment by running Unified Communications applications on a virtual machine on a Unified Computing System (UCS). For additional details, including UCS hardware information and third-party requirements, see: <http://www.cisco.com/go/uc-virtualized>

For information on supported applications in a virtualized environment, see [http://docwiki.cisco.com/wiki/Unified\\_Communications\\_Virtualization\\_Supported\\_Applications](http://docwiki.cisco.com/wiki/Unified_Communications_Virtualization_Supported_Applications)

For information on supported VMware versions, see [http://docwiki.cisco.com/wiki/Unified\\_Communications\\_VMware\\_Requirements#Supported\\_Versions\\_of\\_VMware\\_vSphere\\_ESXi](http://docwiki.cisco.com/wiki/Unified_Communications_VMware_Requirements#Supported_Versions_of_VMware_vSphere_ESXi)



**Note** Cisco Hosted Collaboration Solution (Cisco HCS) is a hosted solution that includes various Cisco Collaboration Systems release components. For more information about Cisco HCS see: [Cisco Hosted Collaboration Solution](#) and [Cisco HCS Product Support](#).

**Figure 0-1 Summary Matrix for Contact Center System Validation Test Bed Components and Versions**

Category	Component	Release 10.5(1)	Release 10.0(1)	Release 9.0(1)	Release 8.6(1)	Release 8.5(1)	Release 7.1(3) <sup>1</sup>	Release 7.1(2) <sup>2</sup>
Call Control	Cisco Unified Communications Manager	10.5(1)	10.0(1)	9.0(1)	8.6(1a)	8.5(1)	7.1(3)	7.1(2a)
	Cisco TelePresence Video Communication Server (VCS)	X8.2 <sup>3</sup>	—	—	—	—	—	—
	Cisco TelePresence VCS Expressway	X8.2 <sup>4</sup>	—	—	—	—	—	—

Category	Component	Release 10.5(1)	Release 10.0(1)	Release 9.0(1)	Release 8.6(1)	Release 8.5(1)	Release 7.1(3) <sup>1</sup>	Release 7.1(2) <sup>2</sup>
Contact Center	Cisco Unified Intelligent Contact Management Enterprise and Cisco Unified Contact Center Enterprise	10.5(1) <sup>5</sup>	10.0(1)	9.0(1)	8.5(2) <sup>6</sup>	8.5(1)	7.5(6)	7.5(5)
	Cisco Unified Intelligent Contact Management Enterprise and Cisco Unified Contact Center Enterprise Operating System	Win2008 R2 SP1	Win2008 R2 SP1	Win2008 R2 SP1	Win2008 R2 SP1 Win2003 SP2/ Win2003 R2 SP2	Win2003 SP2/ Win2003 R2 SP2	Win2003 SP2/ Win2003 R2 SP2	Win2003 SP2/ Win2003 R2 SP2
	Cisco Unified ICME Support Tools	—	—	—	2.4(1)	2.4(1)	2.3(1)	2.3(1)
	Cisco Unified Contact Center Express	10.5(1) <sup>7</sup>	10.0(1)	9.0(1)	8.5(1) SU1	8.5(1)	—	—
	Cisco Unified IP IVR	—	10.0(1)	9.0(1)	8.5(1) SU1	8.5(1)	7.0(1) SR4	7.0(1) SR3
	Cisco Unified Contact Center Express/Unified IP IVR Operating System	—	Bundled with Software	Bundled with Software	Bundled with Software	Bundled with Software	2003.1.2a SR13	2003.1.2a SR13
	Cisco Unified Customer Voice Portal	10.5(1) <sup>8</sup>	10.0(1)	9.0(1)	8.5(1)	8.5(1)	7.0(2)	7.0(2)
	Cisco Unified Customer Voice Portal Operating System	Win2008 R2 SP1	Win2008 R2 SP1	Win2008 R2 SP1	Win2003 SP2/ Win2003 R2 SP2	Win2003 SP2/ Win2003 R2 SP2	Win2003 SP2/ Win2003 R2 SP2	Win2003 SP2/ Win2003 R2 SP2
	Cisco Unified Intelligence Center	10.5(1) <sup>9</sup>	10.0(1)	8.5(4)	8.5(1) Same as 8.0(4)	8.0(3)	—	—
	Cisco Finesse	10.5(1) <sup>10</sup>	10.0(1)	9.0(1)	8.5(1) Lab use only	8.5(1) Lab use only	—	—
Cisco MediaSense	10.5(1) <sup>11</sup>	10.0(1)	8.5(4) (original) 9.1(1) (current compatible)	8.5(2) (original) 8.5(4) (current compatible)	8.5(1) (original) 8.5(4) (current compatible)	—	—	
Cisco SocialMiner	10.5(1) <sup>12</sup>	10.0(1)	9.0(1) <sup>13</sup>	—	8.5(1)	—	—	
Server Applications	Cisco Unified Communications Manager IM and Presence Service	10.5(1)	10.0(1)	9.0(1)	—	—	—	—
	Cisco Unified Presence	—	—	—	8.5(1)	8.5(1)	7.0(5)	7.0(1)
	Cisco Unified SIP Proxy	—	8.5(5)	8.5(3)	8.5(2)	8.5(1)	—	—
Conferencing	Cisco Unified Videoconferencing 3545 MCU	—	—	—	—	—	5.7	5.7
	Cisco TelePresence MCU	4.4(3.67)	4.4 (3.57)	4.3	—	—	—	—
	Cisco TelePresence Content Server	—	—	5.2 Build 3222	—	—	—	—
	Cisco Voice Conferencing for ISR G2 Routers	—	15.2(4)M5	15.2(3)T1 or 15.2(4)M	—	—	—	—
Voicemail and Unified Messaging	Cisco Unity Connection	10.5(1)	10.0(1)	9.0(1)	—	8.5(1)	7.1(3)	7.1(2a)

Category	Component	Release 10.5(1)	Release 10.0(1)	Release 9.0(1)	Release 8.6(1)	Release 8.5(1)	Release 7.1(3) <sup>1</sup>	Release 7.1(2) <sup>2</sup>
Devices (Endpoints)	Cisco IP Communicator	—	—	8.6(1)	8.6(1)	7.0(5)	7.0(2)	7.0(2)
	Cisco Unified Personal Communicator	—	—	—	—	8.5	7.0(2)	7.0(2)
	Cisco Unified Video Advantage	—	—	2.2(2)	2.2(1)	2.2(1)	2.1(2)	2.1(1)
	Cisco Virtualization Experience Clients	—	—	Firmware 9.2(1)	—	—	—	—
	Cisco TelePresence System EX90 and Cisco TelePresence System EX60	TC 7.1.1	TC 7.0.1	TE 6.0.0	—	—	—	—
	Cisco IP Video Phone E20	—	—	TE 6.0.0	—	—	—	—
	Cisco Desktop Collaboration Experience DX650	Firmware 10.1(1)	Firmware 10.1(1)	—	—	—	—	—
	Cisco Unified IP Phones 7941, 7942, 7961, 7962, 7965, 7971, 7975	Bundled with Unified CM. Firmware 9.3(1)SR4	Bundled with Unified CM. Firmware 9.3(1)SR3	Bundled with Unified CM. Firmware 9.3(1)	Bundled with Unified CM. Firmware 9.2(1)	Bundled with Unified CM.	Bundled with Unified CM.	Bundled with Unified CM.
	Cisco IP Phones 7821, 7841, 7861	Firmware 10.1(1)SR1	Firmware 10.1(1)					
	Cisco Unified IP Phones 6921, 6941, 6961, 6945	Firmware 9.4(1)	Firmware 9.4(1)	Firmware 9.3(1)	Firmware 9.2(1)	Firmware 9.1.1 SR1	Firmware 8.5.3	—
	Cisco Unified IP Phones 9951, 9971	Firmware 9.4(1)	Firmware 9.4(1)	Firmware 9.3(1)	Firmware 9.2(1)	Firmware 9.1.1 SR1	Firmware 9.0(1)	—
	Cisco Unified IP Phone 8961	Firmware 9.4(1)	Firmware 9.4(1)	Firmware 9.3(1)	Firmware 9.2(1)	Firmware 9.1.1 SR1	Firmware 9.0(1)	—
	Cisco Unified IP Phones 8941, 8945	Firmware 9.4(1)	—	Firmware 9.3(1)	Firmware 9.2(1)	Firmware 9.1.1 SR1	—	—
Cisco Unified Communications for RTX	—	—	—	8.5(1)	8.5(1)	—	—	
Client Applications	Cisco Jabber for Windows	9.7.1	9.6	—	—	—	—	—
	Cisco Virtualization Experience Media Engine (VXME) for Windows	9.7	—	—	—	—	—	—
	Cisco Jabber for iOS	9.6.1	—	—	—	—	—	—
	Cisco Jabber Guest	10.0(1) <sup>14</sup>	—	—	—	—	—	—
Wireless and Mobility	Cisco Aironet 1240AG Series Access Point	—	—	—	—	—	12.3-8.JA2	12.3-8.JA2
	Cisco Aironet 3502 Access Point	—	—	AIR-WLC4400-K9-7-0-116-0-E R.aes	AIR-WLC4400-K9-7-0-116-0-E R.aes	—	—	—
	Cisco Aironet 1142 Access Point	—	—	AIR-WLC4400-K9-7-0-116-0-E R.aes	AIR-WLC4400-K9-7-0-116-0-E R.aes	—	—	—

Category	Component	Release 10.5(1)	Release 10.0(1)	Release 9.0(1)	Release 8.6(1)	Release 8.5(1)	Release 7.1(3) <sup>1</sup>	Release 7.1(2) <sup>2</sup>
Security	Cisco Catalyst 6500 Series Switch Firewall Services Module	—	—	—	—	—	4.0(6)	4.0(4)
	CiscoWorks Management Center for Cisco Security Agents	—	—	—	6.0(2)	6.0(2)	5.2.1	5.2.0.245
	Cisco Security Agent for Unified IP IVR	—	NA	Bundled with Unified IP IVR	Bundled with Unified IP IVR	Bundled with Unified IP IVR	5.0.0.217-3.0.6	5.0.0.217-3.0.6
	Cisco Security Agent for Unified Intelligent Contact Management Enterprise	—	—	—	6.0(1)	6.0(1)	5.2.0.245-4.0.1	5.2.0.245-4.0.1
	Cisco Security Agent for Unified Customer Voice Portal	—	—	—	6.0(1)	6.0(1)	5.2.0.268	5.2.0.268
Network Management	Cisco Prime Collaboration Provisioning, Assurance and Deployment	10.5(1)	10.0(1)	—	—	—	—	—
	Cisco Unified Operations Manager	—	—	—	8.6.1	8.5.1	2.2	2.2
Licensing	Cisco Prime License Manager	10.5(1)	10.0(1)	9.0(1)	—	—	—	—

Category	Component	Release 10.5(1)	Release 10.0(1)	Release 9.0(1)	Release 8.6(1)	Release 8.5(1)	Release 7.1(3) <sup>1</sup>	Release 7.1(2) <sup>2</sup>
Communications Infrastructure	Cisco IOS Extended Maintenance Deployment	15.3(3)M3	15.1(4)M7 <sup>15</sup> 15.2(4)M5 <sup>16</sup>	15.1(4)M3	15.1(4)M1	—	12.4(25)b	12.4(23)
	Cisco IOS Early Deployment	15.4(1)T1	—	—	—	—	—	—
	Cisco Unified Computing System B200 M2, C200 M2, and C210 M2 (Unified Communications Virtualization)	VMware 5.0 Update1	VMware5.1	VMWare ESXi 4.1	—	—	—	—
	Cisco Unified Computing System C240 and C260, (Unified Communications Virtualization)	VMware 5.0 Update1	—	—	—	—	—	—
	Cisco UCS B-Series Blade Servers	—	2.0(3c)	2.0(1q)	—	—	—	—
	Cisco UCS C-Series Rack-Mount Servers	—	1.4(3k)	1.4(3c)2	—	—	—	—
	Cisco Unified Computing System Express	—	—	2.0.1	—	—	—	—
	Cisco 3725, 3745 (Unified CVP VXML, voice/data, H.323, SIP, MGCP, IOS-based Transcoders and Conference Bridges, and Cisco Unified Border Element gateways)	—	—	—	—	—	—	12.4(15) <sup>17</sup> T7
	Cisco 3825, 3845 (Unified CVP VXML, voice/data, H.323, SIP, MGCP, IOS-based Transcoders and Conference Bridges, and Cisco Unified Border Element gateways)	—	15.1(4)M7	15.1(4)M3	15.1(4)M1	15.1(3)T <sup>18</sup>	15.0(1)M	12.4(24) T1
	Cisco 3900 Series Routers (Unified CVP VXML, voice/data, SIP, IOS-based Transcoders and Conference Bridges, and Cisco Unified Border Element gateways)	15.3(3)M3 or 15.4(1)T1	15.2(4)M5	15.2(3)T1 or 15.2(4)M	15.1(4)M1	—	—	—
	Cisco Integrated Services Router (ISR) 2901, 2911, 2921, 2951, 3925, 3945, 3925E, 3945E	15.3(3)M3 or 15.4(1)T1	—	—	—	—	—	—
	Cisco AS5400XM (Unified CVP VXML, voice, H.323, SIP and PSTN gateways)	—	—	15.1(4)M3	15.1(4)M1	15.1(3)T <sup>19</sup>	15.0(1)M	12.4(24) T1
	Cisco Unified Border Element Enterprise Edition for Cisco ISR Series	15.3(3)M3 or 15.4(1)T1	15.2(4)M5	15.2(3)T1 or 15.2(4)M	15.1(4)M1	15.1(3)T <sup>20</sup>	1.3/15.0(1)M	12.4(24)T1
Cisco Unified Border Element Enterprise Edition for Cisco ASR 1000 Series	—	3.11.0S	3.6	3.2	3.2	—	—	
Cisco VGD-1T3 Voice Gateway	—	—	—	15.1(4)M1	15.1(3)T <sup>21</sup>	—	—	

Category	Component	Release 10.5(1)	Release 10.0(1)	Release 9.0(1)	Release 8.6(1)	Release 8.5(1)	Release 7.1(3) <sup>1</sup>	Release 7.1(2) <sup>2</sup>
Communications Infrastructure (continued)	Cisco SRE 910 Service Module	—	15.2(4)M5	15.2(3)T1 or 15.2(4)M	—	—	—	—
	Cisco Catalyst 6506-E (WS-SUP720-3BXL)	—	15.1(2)SY	12.2(33)SXH2a	—	—	—	—
	Cisco Catalyst 6503-E (WS-SUP720-3BXL)	—	15.1(2)SY	12.2(18)SXF10	—	—	—	—
	Cisco Catalyst 3750 (WS-C3750E-24PD)	—	15.0.2SE2	12.2(55)SE1	—	—	—	—
	Cisco 3745 Gatekeeper	—	—	—	—	—	—	12.4(15)T7
	RSVP Agent (on 38xx platforms)	—	15.1(4)M7	15.1(4)M3	15.1(4)M1	15.1(3)T <sup>22</sup>	15.0(1)M	12.4(24)T1
	Cisco 7206VXR (core/WAN router)	—	—	—	15.1(4)M1	15.1(3)T <sup>23</sup>	15.0(1)M	12.4(24)T1
	Cisco 881 router	—	15.2(4)Mx	15.2(3)T1 or 15.2(4)M	15.1(4)M1	15.1(3)T <sup>24</sup>	15.0(1)M	12.4(24)T1
	Cisco 891 router	—	15.2(4)Mx	15.2(3)T1 or 15.2(4)M	—	—	—	—
	Cisco Catalyst 3750 (access switch)	—	12.2(53)SE2	12.2(53)SE2	12.2(53)SE2	12.2(53)SE2	12.2(50)SE3	12.2(25)SEE4
	Cisco Catalyst 6506, 6509 (core switch, Supervisor 2)	—	—	—	8.6(6a)	8.6(6a)	Cat OS 8.6.3/12.2.(18)SXF9	CatOS 8.6(3)
	Cisco Catalyst 6506, 6509 (Supervisor 720)	—	—	—	—	—	12.2(33)SX1	12.2(33)SX1
Cisco CSS 11501 Content Services Switch	—	—	—	—	—	WebNS 7.50.3.3	WebNS 7.50.3.3	

1. This is a maintenance or minor release and no new Technical Information Site was created for this release. Refer to the release notes and system test results for information on this release.
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3. X8.2 version will be available post Collaboration System Release 10.5(1).
4. X8.2 version will be available post Collaboration System Release 10.5(1).
5. All 10.5(1) Contact Center components will be available post Collaboration System Release 10.5(1).
6. For configuration options, see [Release Notes for Cisco Unified Contact Center Enterprise, Release 8.5\(2\)](#).
7. All 10.5(1) Contact Center components will be available post Collaboration System Release 10.5(1).
8. All 10.5(1) Contact Center components will be available post Collaboration System Release 10.5(1).
9. All 10.5(1) Contact Center components will be available post Collaboration System Release 10.5(1).
10. All 10.5(1) Contact Center components will be available post Collaboration System Release 10.5(1).
11. All 10.5(1) Contact Center components will be available post Collaboration System Release 10.5(1).
12. All 10.5(1) Contact Center components will be available post Collaboration System Release 10.5(1).
13. Cisco SocialMiner functionality was tested as part of Unified CCX.
14. Cisco Jabber Guest will be available post Cisco Collaboration System Release 10.5(1).
15. For ISR-G1 devices only.
16. For ISR-G1 devices only.
17. Cisco IOS Release 12.4(15)Tx is the last release supported on the 37xx Series and CMM platforms; these components are not supported on Release 12.4(20)T and beyond.
18. Cisco IOS Release 15.1(3)T and 15.1(1)T are short deployment Standard Maintenance releases ideal for the very latest new features and hardware support from Cisco. Cisco provides 18 months of support for Standard Maintenance releases. Customers requiring longer-term maintenance support should consider upgrading to the next 15 M Extended Maintenance release (when it becomes available), which will incorporate all features and hardware support of previous Standard Maintenance and Extended Maintenance releases. For more information, refer to [http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa\\_c67\\_561940.html](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa_c67_561940.html).

19. Cisco IOS Release 15.1(3)T and 15.1(1)T are short deployment Standard Maintenance releases ideal for the very latest new features and hardware support from Cisco. Cisco provides 18 months of support for Standard Maintenance releases. Customers requiring longer-term maintenance support should consider upgrading to the next 15 M Extended Maintenance release (when it becomes available), which will incorporate all features and hardware support of previous Standard Maintenance and Extended Maintenance releases. For more information, refer to [http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa\\_c67\\_561940.html](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa_c67_561940.html).
20. Cisco IOS Release 15.1(3)T and 15.1(1)T are short deployment Standard Maintenance releases ideal for the very latest new features and hardware support from Cisco. Cisco provides 18 months of support for Standard Maintenance releases. Customers requiring longer-term maintenance support should consider upgrading to the next 15 M Extended Maintenance release (when it becomes available), which will incorporate all features and hardware support of previous Standard Maintenance and Extended Maintenance releases. For more information, refer to [http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa\\_c67\\_561940.html](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa_c67_561940.html).
21. Cisco IOS Release 15.1(3)T and 15.1(1)T are short deployment Standard Maintenance releases ideal for the very latest new features and hardware support from Cisco. Cisco provides 18 months of support for Standard Maintenance releases. Customers requiring longer-term maintenance support should consider upgrading to the next 15 M Extended Maintenance release (when it becomes available), which will incorporate all features and hardware support of previous Standard Maintenance and Extended Maintenance releases. For more information, refer to [http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa\\_c67\\_561940.html](http://www.cisco.com/en/US/prod/collateral/iosswrel/ps8802/ps10587/ps10591/ps10621/qa_c67_561940.html).
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