



About Cisco Unified Communications Manager Express (Cisco Unified CME) Revised: November 30, 2016	
Phone Feature Support	For information on phone feature support in Unified CME, see Phone Feature Support Guide .
Documentation	See Cisco Unified CME product documentation .
Cisco IOS Compatibility	Other Cisco IOS software releases may inherit Cisco Unified CME 11.6. To get a list of Cisco IOS software releases that support Cisco Unified CME 11.6, go to Feature Navigator .
Downloads	To download Cisco CME software and phone firmware files, go to the Cisco Software Download site.
DDTS Information	To find the latest Cisco Unified CME DDTS information, go to Bug Toolkit and search by product, for Cisco Unified Communications Manager Express (Cisco Unified CME).

Important Information about Configuring Cisco Unified IP Phone Support

Important Information about Configuring Cisco Unified IP Phone Support

- When configuring the load command:
 - In Cisco Unified CME 7.0 and earlier versions, do not include the .sbin or .loads file suffix except for the Cisco ATA and Cisco Unified IP Phone 7905 and 7912.
 - In Cisco Unified CME 7.0(1) and later versions, use the complete filename including the file suffix when you configure the load command for phone firmware versions later than version 8-2-2 for all phone types except 69xx, 89xx, and 99xx phones.
- When configuring the load command for IP phones such as the Cisco Unified IP Phone 7906G, 7911G, 7941G, 7941GE, 7961G, 7961GE, 7970G, and 7971G, configure only the filenames that are marked with an asterisk (*) in the table below.
- Only SCCP phones can be configured as agent phones for Unified CCX 5.0 in Cisco Unified CME 4.2 and later versions. The Cisco VG224 Analog Phone Gateway and analog and SIP phones are supported as usual in Cisco Unified CME, however, not as Unified CCX agent phones.
- When upgrading phone load version, first upgrade phone load 8.0.4 to 8.0.5 followed by phone load 8.0.5 to 8.1.1. Once your phone load version is upgraded to 8.1.1 you should upgrade it to version 8.1.2.

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco ATA-190	--	ATA190.1-2-1(004)	
Cisco ATA-186	ATA030203SCCP051201A.zup	--	
Cisco ATA-187	--	9.2.2	
Cisco ATA-188	ATA030203SCCP051201A.zup	--	
Cisco VG350	15.2(1)T	--	
Cisco VG202	15.2(1)T	--	
Cisco VG204	15.2(1)T	--	
Cisco VG224	--	--	
Cisco IP Communicator	--	--	
Cisco Unified IP Phone 3905	--	APP3905.9-2-1-0.zz CP3905.9-2-1-0.loads	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 3911/3951	--	BOOT3951.0-0-0-9.zz* DSP3951.0-0-0-2.zz SIP3951.8-1-4a.loads SIP3951.8-1-4a.zz	
Cisco Unified IP Phone 6901/6911	APP6901SCCP.9-2-1-a.zz.sgn APP6911SCCP.9-2-1-a.zz.sgn BFS6911SCCP.9-2-1-a.zz.sgn KNL6901SCCP.9-2-1-a.zz.sgn KNL6911SCCP.9-2-1-a.zz.sgn SCCP6901.9-2-1-a.loads* SCCP6911.9-2-1-a.loads*	APP6901SIP.9-2-1-0.zz.sgn APP6911SIP.9-2-1-0.zz.sgn BFS6911SIP.9-2-1-0.zz.sgn KNL6901SIP.9-2-1-0.zz.sgn KNL6911SIP.9-2-1-0.zz.sgn SIP6901.9-2-1-0.loads SIP6911.9-2-1-0.loads	
Cisco Unified IP Phone 6921/6941/6961	BOOT69xx.0-0-0-14.zz.sgn DSP69xx.0-0-0-8.zz.sgn SCCP69xx.9-2-1-0.loads SCCP69xx.9-2-1-0.zz.sgn	BOOT69xx.0-0-0-14.zz.sgn DSP69xx.0-0-0-8.zz.sgn SIP69xx.9-2-1-0.loads SIP69xx.9-2-1-0.zz.sgn	
Cisco Unified IP Phone 6945	SCCP6945.9-2-1-0.bin1.sgn SCCP6945.9-2-1-0.bin2.sgn SCCP6945.9-2-1-0.bin3.sgn SCCP6945.9-2-1-0.bin4.sgn SCCP6945.9-2-1-0.loads	SIP6945.9-2-1-0.bin1.sgn SIP6945.9-2-1-0.bin2.sgn SIP6945.9-2-1-0.bin3.sgn SIP6945.9-2-1-0.bin4.sgn SIP6945.9-2-1-0.loads	
Cisco Unified IP Phone 7811		kern2.78xx.11-5-1-18.sbn kern78xx.11-5-1-18.sbn rootfs2.78xx.11-5-1-18.sbn rootfs78xx.11-5-1-18.sbn sboot2.78xx.11-5-1-18.sbn sboot78xx.11-5-1-18.sbn sip78xx.11-5-1-18.loads	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 7821		kern2.78xx.11-5-1-18.sbn kern78xx.11-5-1-18.sbn rootfs2.78xx.11-5-1-18.sbn rootfs78xx.11-5-1-18.sbn sboot2.78xx.11-5-1-18.sbn sboot78xx.11-5-1-18.sbn sip78xx.11-5-1-18.loads	
Cisco Unified IP Phone 7841		kern2.78xx.11-5-1-18.sbn kern78xx.11-5-1-18.sbn rootfs2.78xx.11-5-1-18.sbn rootfs78xx.11-5-1-18.sbn sboot2.78xx.11-5-1-18.sbn sboot78xx.11-5-1-18.sbn sip78xx.11-5-1-18.loads	
Cisco Unified IP Phone 7861		kern2.78xx.11-5-1-18.sbn kern78xx.11-5-1-18.sbn rootfs2.78xx.11-5-1-18.sbn rootfs78xx.11-5-1-18.sbn sboot2.78xx.11-5-1-18.sbn sboot78xx.11-5-1-18.sbn sip78xx.11-5-1-18.loads	
Cisco Unified IP Phone 7902	CP7902080002SCCP060817A.sbin	--	
Cisco Unified IP Phone 7905	CP7905080002SCCP07040A.sbin (signed) CP7905080002SCCP070409A.zip (unsigned)	-- CP7905080001SIP060412A.zip (unsigned)	
Cisco Unified IP Phone 7906 and 7911	SCCP11.9-2-1S.loads apps11.9-2-1TH1-13.sbn cnu11.9-2-1TH1-13.sbn cvm11sccp.9-2-1TH1-13.sbn dsp11.9-2-1TH1-13.sbn jar11sccp.9-2-1TH1-13.sbn term06.default.loads term11.default.loads	SIP11.9-2-1S.loads apps11.9-2-1TH1-13.sbn cnu11.9-2-1TH1-13.sbn cvm11sip.9-2-1TH1-13.sbn dsp11.9-2-1TH1-13.sbn jar11sip.9-2-1TH1-13.sbn term06.default.loads term11.default.loads	
Cisco Unified IP Phone 7910	P00405000700.sbn (signed) P00405000700.bin (unsigned)	--	
Cisco Unified IP Phone 7912	CP7912080004SCCP080108A.sbin	CP7912080001SIP060412A.sbin	
Cisco Unified IP Phone Expansion Module 7914	S00105000400.sbn	--	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone Expansion Module 7915	B015-1-0-4.sbn	--	
Cisco Unified IP Phone Expansion Module 7916	B016-1-0-4.sbn	--	
Cisco Unified Wireless IP Phone 7920, 7921 and 7925	See software download site for latest firmware version.	--	
Cisco Unified Wireless IP Phone 7926	APPSS-1.4.1SR1.SBN CP7926G-1.4.1SR1.LOADS EA15FW-BF3-220.SBN GUIS-1.4.1SR1.SBN JSYSS-1.4.1SR1.SBN JUIS-1.4.1SR1.SBN SYSS-1.4.1SR1.SBN TNUXRS-1.4.1SR1.SBN TNUXS-1.4.1SR1.SBN WLANS-1.4.1SR1.SBN	--	
Cisco Unified IP Phone 7931	SCCP31.9-2-1S.loads apps31.9-2-1TH1-13.sbn cnu31.9-2-1TH1-13.sbn cvm31sccp.9-2-1TH1-13.sbn dsp31.9-2-1TH1-13.sbn jar31sccp.9-2-1TH1-13.sbn term31.default.loads	--	
Cisco Unified IP Conference Station 7936 and 7937	See software download site for latest firmware version.	--	
Cisco Unified IP Phone 7940 and 7960	P00308010200.bin P00308010200.loads* P00308010200.sb2 P00308010200.sbn	P003-8-12-00.bin P003-8-12-00.sbn POS3-8-12-00.loads* POS3-8-12-00.sb2	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 7941G and 7941G-GE	SCCP41.9-2-1S.loads apps41.9-2-1TH1-13.sbn cnu41.9-2-1TH1-13.sbn cvm41sccp.9-2-1TH1-13.sbn dsp41.9-2-1TH1-13.sbn jar41sccp.9-2-1TH1-13.sbn term41.default.loads term61.default.loads	SIP41.9-2-1S.loads apps41.9-2-1TH1-13.sbn cnu41.9-2-1TH1-13.sbn cvm41sip.9-2-1TH1-13.sbn dsp41.9-2-1TH1-13.sbn jar41sip.9-2-1TH1-13.sbn term41.default.loads term61.default.loads	
Cisco Unified IP Phone 7942G and 7962G	SCCP42.9-2-1S.loads apps42.9-2-1TH1-13.sbn cnu42.9-2-1TH1-13.sbn cvm42sccp.9-2-1TH1-13.sbn dsp42.9-2-1TH1-13.sbn jar42sccp.9-2-1TH1-13.sbn term42.default.loads term62.default.loads	SIP42.9-2-1S.loads apps42.9-2-1TH1-13.sbn cnu42.9-2-1TH1-13.sbn cvm42sip.9-2-1TH1-13.sbn dsp42.9-2-1TH1-13.sbn jar42sip.9-2-1TH1-13.sbn term42.default.loads term62.default.loads	
Cisco Unified IP Phone 7945G and 7965G	SCCP45.9-2-1S.loads apps45.9-2-1TH1-13.sbn cnu45.9-2-1TH1-13.sbn cvm45sccp.9-2-1TH1-13.sbn dsp45.9-2-1TH1-13.sbn jar45sccp.9-2-1TH1-13.sbn term45.default.loads term65.default.loads	SIP45.9-2-1S.loads apps45.9-2-1TH1-13.sbn cnu45.9-2-1TH1-13.sbn cvm45sip.9-2-1TH1-13.sbn dsp45.9-2-1TH1-13.sbn jar45sip.9-2-1TH1-13.sbn term45.default.loads term65.default.loads	
Cisco Unified IP Phone 7961G and 7961G-GE	SCCP41.9-2-1S.loads apps41.9-2-1TH1-13.sbn cnu41.9-2-1TH1-13.sbn cvm41sccp.9-2-1TH1-13.sbn dsp41.9-2-1TH1-13.sbn jar41sccp.9-2-1TH1-13.sbn term41.default.loads term61.default.loads	SIP41.9-2-1S.loads apps41.9-2-1TH1-13.sbn cnu41.9-2-1TH1-13.sbn cvm41sip.9-2-1TH1-13.sbn dsp41.9-2-1TH1-13.sbn jar41sip.9-2-1TH1-13.sbn term41.default.loads term61.default.loads	
Cisco Unified IP Phone 7970G and 7971G	SCCP70.9-2-1S.loads apps70.9-2-1TH1-13.sbn cnu70.9-2-1TH1-13.sbn cvm70sccp.9-2-1TH1-13.sbn dsp70.9-2-1TH1-13.sbn jar70sccp.9-2-1TH1-13.sbn term70.default.loads term71.default.loads	SIP70.9-2-1S.loads apps70.9-2-1TH1-13.sbn cnu70.9-2-1TH1-13.sbn cvm70sip.9-2-1TH1-13.sbn dsp70.9-2-1TH1-13.sbn jar70sip.9-2-1TH1-13.sbn term70.default.loads term71.default.loads	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 7975G	SCCP75.9-2-1S.loads apps75.9-2-1TH1-13.sbn cnu75.9-2-1TH1-13.sbn cvm75sccp.9-2-1TH1-13.sbn dsp75.9-2-1TH1-13.sbn jar75sccp.9-2-1TH1-13.sbn term75.default.loads	SIP75.9-2-1S.loads apps75.9-2-1TH1-13.sbn cnu75.9-2-1TH1-13.sbn cvm75sip.9-2-1TH1-13.sbn dsp75.9-2-1TH1-13.sbn jar75sip.9-2-1TH1-13.sbn term75.default.loads	
Cisco Unified IP Phone 7985G	See software download site for latest firmware version.	--	
Cisco Unified IP Phone 8811	--	fbi88xx.BE-01-010.sbn kern88xx.10-3-1-20.sbn rootfs88xx.10-3-1-20.sbn sb288xx.BE-01-019.sbn sip88xx.10-3-1-20.loads vc488xx.10-3-1-20.sbn	
Cisco Wireless IP Phone 8821	--	11.0.2.2	Fast Track Mode
Cisco Unified IP Phone 8831	--	fbi88xx.BE-01-010.sbn kern88xx.10-3-1-20.sbn rootfs88xx.10-3-1-20.sbn sb288xx.BE-01-019.sbn sip88xx.10-3-1-20.loads vc488xx.10-3-1-20.sbn	
Cisco Unified IP Phone 8841	--	fbi88xx.BE-01-010.sbn kern88xx.10-3-1-20.sbn rootfs88xx.10-3-1-20.sbn sb288xx.BE-01-019.sbn sip88xx.10-3-1-20.loads vc488xx.10-3-1-20.sbn	
Cisco Unified IP Phone 8851	--	fbi88xx.BE-01-010.sbn kern88xx.10-3-1-20.sbn rootfs88xx.10-3-1-20.sbn sb288xx.BE-01-019.sbn sip88xx.10-3-1-20.loads vc488xx.10-3-1-20.sbn	
Cisco Unified IP Phone 8851NR	--	fbi88xx.BE-01-010.sbn kern88xx.10-3-1-20.sbn rootfs88xx.10-3-1-20.sbn sb288xx.BE-01-019.sbn sip88xx.10-3-1-20.loads vc488xx.10-3-1-20.sbn	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
Cisco Unified IP Phone 8861	--	fbi88xx.BE-01-010.sbn kern88xx.10-3-1-20.sbn rootfs88xx.10-3-1-20.sbn sb288xx.BE-01-019.sbn sip88xx.10-3-1-20.loads vc488xx.10-3-1-20.sbn	
Cisco Unified IP Phone 8941/8945	BOOT894x.0-0-0-9.bin.sgn SCCP894x.9-2-2-0.bin1.sgn SCCP894x.9-2-2-0.bin2.sgn SCCP894x.9-2-2-0.bin3.sgn SCCP894x.9-2-2-0.bin4.sgn SCCP894x.9-2-2-0.bin5.sgn SCCP894x.9-2-2-0.bin6.sgn SCCP894x.9-2-2-0.bin7.sgn SCCP894x.9-2-2-0.bin8.sgn SCCP894x.9-2-2-0.loads	BOOT894x.0-0-0-9.bin.sgn SIP894x.9-2-2-0.bin1.sgn SIP894x.9-2-2-0.bin2.sgn SIP894x.9-2-2-0.bin3.sgn SIP894x.9-2-2-0.bin4.sgn SIP894x.9-2-2-0.bin5.sgn SIP894x.9-2-2-0.bin6.sgn SIP894x.9-2-2-0.bin7.sgn SIP894x.9-2-2-0.bin8.sgn SIP894x.9-2-2-0.bin9.sgn SIP894x.9-2-2-0.loads	
Cisco Unified IP Phone 8961	--	dkern8961.100609R2-9-2-2SR1-9.sebn kern8961.9-2-2SR1-9.sebn rootfs8961.9-2-2SR1-9.sebn sboot8961.031610R1-9-2-2SR1-9.sebn sip8961.9-2-2SR1-9.loads skern8961.022809R2-9-2-2SR1-9.sebn	
Cisco Unified IP Phone 9951	--	dkern9951.100609R2-9-2-2SR1-9.sebn kern9951.9-2-2SR1-9.sebn rootfs9951.9-2-2SR1-9.sebn sboot9951.031610R1-9-2-2SR1-9.sebn sip9951.9-2-2SR1-9.loads skern9951.022809R2-9-2-2SR1-9.sebn	
Cisco Unified IP Phone 9971	--	dkern9971.100609R2-9-2-2SR1-9.sebn kern9971.9-2-2SR1-9.sebn rootfs9971.9-2-2SR1-9.sebn sboot9971.031610R1-9-2-2SR1-9.sebn sip9971.9-2-2SR1-9.loads skern9971.022809R2-9-2-2SR1-9.sebn	
Cisco DX650	--	10.1(2.41)	

Cisco Unified IP Phone Support*			
Device Type	SCCP Firmware Filename	SIP Firmware Filename	Comments
KEM Module	--	SIP9971.9-2-3-27.loads SIP9951.9-2-3-27.loads SIP8961.9-2-3-27.loads	Sidecar for 99xx phone types
Cisco Unified Video Advantage	Cisco Unified Video Advantage 1.0(2), 2.0 and higher supported with Cisco Unified IP Phone 7931, 794X, 796X, and 797X, and Cisco IP Communicator.		
* The firmware information provided in the table specifies the minimum recommended version supported for the release. Later versions are also supported, unless otherwise specified.			

Supported Platforms and Memory Specifications: SCCP IP Phones*					
Cisco Platform	Maximum Total IP Phones ¹	Maximum SCCP IP Phones	Maximum Total Virtual Ports (dns)	Recommended DRAM	Recommended Flash Memory
Cisco IAD 2430	not supported	not supported	not supported	not supported	not supported
Cisco 1861E	not supported	not supported	not supported	not supported	not supported
Cisco 2801	not supported	not supported	not supported	not supported	not supported
Cisco 2811	not supported	not supported	not supported	not supported	not supported
Cisco 2821	not supported	not supported	not supported	not supported	not supported
Cisco 2851	not supported	not supported	not supported	not supported	not supported
Cisco 2901	35	35	200	1 GB	256
Cisco 2911	50	50	300	1 GB	256
Cisco 2921	100	100	400	1 GB	256
Cisco 2951	150	150	500	1 GB	256
Cisco 3270	not supported	not supported	not supported	not supported	not supported
Cisco 3825	not supported	not supported	not supported	not supported	not supported
Cisco 3845	not supported	not supported	not supported	not supported	not supported
Cisco 3925	250	250	600	1 GB	256
Cisco 3925E	400	400	1100	1 GB	256
Cisco 3945	350	350	900	1 GB	256
Cisco 3945E	450	450	1200	1 GB	256

Cisco ISR 4321	50	50	200	4 GB	4 GB
Cisco ISR 4331	100	100	400	4 GB	4 GB
Cisco ISR 4351	250	250	600	4 GB	4 GB
Cisco ISR 4431	350	350	900	4 GB	8 GB
Cisco ISR 4451	450	450	1200	4 GB	8 GB
<p>* These memory recommendations and maximum numbers of IP phones are for common Cisco Unified CME configurations only. Systems with large numbers of phones and complex configurations may not work on all platforms and can require additional memory or a higher performance platform.</p> <p>1. Total number of connected IP phones cannot exceed Maximum Total listed including SCCP and SIP phones on the same router.</p>					

Supported Platforms and Memory Specifications: SIP IP Phones*					
Cisco Platform	Maximum Total IP Phones ¹	Maximum SIP IP Phones	Maximum Total Virtual Ports (dns)	Recommended DRAM	Recommended Flash Memory
Cisco 881V	5	5	–	1 GB	256
Cisco IAD 2430	not supported	not supported	not supported	not supported	not supported
Cisco 1861E	not supported	not supported	not supported	not supported	not supported
Cisco 2801	not supported	not supported	not supported	not supported	not supported
Cisco 2811	not supported	not supported	not supported	not supported	not supported
Cisco 2821	not supported	not supported	not supported	not supported	not supported
Cisco 2851	not supported	not supported	not supported	not supported	not supported
Cisco 2901	35	35	200	1 GB	256
Cisco 2911	50	50	300	1 GB	256
Cisco 2921	100	100	400	1 GB	256
Cisco 2951	150	150	500	1 GB	256
Cisco 3825	not supported	not supported	not supported	not supported	not supported
Cisco 3845	not supported	not supported	not supported	not supported	not supported
Cisco 3925	250	250	600	1 GB	256

Cisco 3925E	400	400	1100	1 GB	256
Cisco 3945	350	350	900	1 GB	256
Cisco 3945E	450	450	1200	1 GB	256
Cisco ISR 4321	50	50	200	4 GB	4 GB
Cisco ISR 4331	100	100	400	4 GB	4 GB
Cisco ISR 4351	250	250	600	4 GB	4 GB
Cisco ISR 4431	350	350	900	4 GB	8 GB
Cisco ISR 4451	450	450	1200	4 GB	8 GB
<p>* These memory recommendations and maximum numbers of IP phones are for common Cisco Unified CME configurations only. Systems with large numbers of phones and complex configurations may not work on all platforms and can require additional memory or a higher performance platform.</p> <p>1. Total number of connected IP phones cannot exceed Maximum Total listed including SCCP and SIP phones on the same router.</p>					

Compatible Voice Products		
Product Name	Version	Comments
Cisco Unified Communications Manager	--	See the Cisco Unified Communications Manager compatibility information .
Cisco Unified CME Telephony Service Provider (TSP)	2.2.0.4	Compatible with Cisco Unified CME 7.0 using Cisco IOS Release 12.4(20)T1 or a later release. Provides support for Windows Vista.
Cisco Unity	--	See SCCP and SIP compatibility matrices .
Cisco Unity Express	--	See the Cisco Unity Express Compatibility matrix .
Cisco BTS 10200 Softswitch	3.2.(0)V04	Verified with H.323 trunking.
Cisco PGW 2200	9.4.1	Verified with SIP trunking.
Cisco VG224	Cisco IOS Release 12.4(9)T or 12.4(11)T	Verified with SCCP analog ports.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see **What's New** in Cisco Product Documentation.

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