

Upgrade del Firmware de Teléfono IP con CCME

Contenido

[Introducción](#)

[prerrequisitos](#)

[Requisitos](#)

[Componentes Utilizados](#)

[Convenciones](#)

[Antecedentes](#)

[Firmado y imágenes no firmada \(Autenticación de imagen\)](#)

[Configurar](#)

[Descargas](#)

[Configuraciones graduales](#)

[Verificación](#)

[Troubleshooting](#)

[Información Relacionada](#)

[Introducción](#)

Este documento proporciona el procedimiento para actualizar el firmware de Cisco IP Phone mediante Cisco CallManager Express.

[prerrequisitos](#)

[Requisitos](#)

Asegúrese de cumplir estos requisitos antes de intentar esta configuración:

- Los Teléfonos IP de Cisco se registran actualmente con el Cisco CallManager expreso.

[Componentes Utilizados](#)

La información en este documento se basa en estas versiones de software y hardware, pero aplicable a todas las versiones del Cisco CallManager y cargas expresas del Cisco IP Phone:

- ¿IOS de Cisco? ¿Router en el Cisco IOS? La versión 12.4(4)T con el Cisco CallManager expresa la versión 3.4(0)
- Cisco IP Phone 7960

La información que contiene este documento se creó a partir de los dispositivos en un ambiente de laboratorio específico. Todos los dispositivos que se utilizan en este documento se pusieron en funcionamiento con una configuración verificada (predeterminada). Si la red está funcionando,

asegúrese de haber comprendido el impacto que puede tener cualquier comando.

Convenciones

Consulte [Convenciones de Consejos Técnicos de Cisco](#) para obtener más información sobre las convenciones sobre documentos.

Antecedentes

Firmado y imágenes no firmada (Autenticación de imagen)

Hay dos tipos de imágenes que se utilicen en el Cisco IP Phone 7960 y 7940: firmado y imágenes no firmada. La Autenticación de imagen se realiza a través de los Archivos binarios firmados. Las imágenes firmadas tienen una extensión .sbn, mientras que las imágenes no firmada tienen una extensión del .bin.

Las versiones de imagen que 5.x validan anterior los Archivos binarios sin signo. Las versiones de imagen 5.x y posterior validan solamente los Archivos binarios firmados, que mejora la Seguridad en el Cisco IP Phone 7960 y 7940. Sin embargo, el uso de los Archivos binarios firmados no permite que usted vuelva a una imagen de firmware sin signo anterior. Una vez que una imagen de firmware de la versión 5.0 está instalada, sin importar el protocolo, la imagen no se puede substituir por cualquier versión anterior. La imagen de firmware se puede substituir solamente por otra versión de imagen firmada 5.x o más adelante. Todas las versiones anterior que la versión 5.0 para el Cisco IP Phone 7960 y 7940 no cargan sobre el teléfono después de la instalación.

Configurar

En esta sección, le presentan con la información para actualizar el firmware del Cisco IP Phone.

Descargas

Los archivos requeridos del firmware de SCCP se pueden descargar de las [7900 Series del Cisco IP Phone FW \(SORBO NON\) - descarga del software \(clientes registrados solamente\)](#). Descargue el archivo apropiado del .zip para el modelo del Cisco IP Phone. Dependiendo del modelo del Cisco IP Phone, el archivo del .zip puede contener uno o más archivos.

El archivo del .zip de la versión de firmware 7.2(3) para el Cisco IP Phone modela 7960 y 7940, **cmterm-7940-7960-sccp.7-2-3.zip**, incluye estos archivos:

- P00307020300.bin
- P00307020300.sbn
- P00307020300.sb2
- P00307020300.loads

Semejantemente, el archivo del .zip del firmware para el modelo 7905G del Cisco IP Phone, **cmterm-7905G-sccp.6-1-1**, incluye estos archivos:

- CP7905060101SCCP050429A.sbin
- CP7905060101SCCP050429A.zup

Configuraciones graduales

Para configurar el firmware aplicable, complete estos pasos:

1. Transferencia todos los archivos de firmware a memoria flash del Cisco CallManager expresa. Para verificar la transferencia de los archivos, publique el **comando show**

```
flash:Router_CCME#show flash -#- --length-- -----date/time----- path !--- Part of output
elided. 13 128996 Nov 30 2005 07:05:36 +00:00 P00307020300.bin 14 129400 Nov 30 2005
07:06:02 +00:00 P00307020300.sbn 15 681290 Nov 30 2005 07:06:18 +00:00 P00307020300.sb2 16
461 Nov 30 2005 07:06:34 +00:00 P00307020300.loads 24612864 bytes available (103567360
bytes used)
```

2. Haga los archivos disponibles para la descarga por los Teléfonos IP de Cisco con esta

```
configuración:Router_CCME#configure terminal Router_CCME(config)#tftp-server flash:
P00307020300.bin Router_CCME(config)#tftp-server flash: P00307020300.sbn
Router_CCME(config)#tftp-server flash: P00307020300.sb2 Router_CCME(config)#tftp-server
flash: P00307020300.loads
```

3. Configure el firmware apropiado para los Teléfonos IP de Cisco:Router_CCME#configure

```
terminal Enter configuration commands, one per line. End with CNTL/Z.
Router_CCME(config)#telephony-service Router_CCME(config-telephony)#load 7960-7940
```

```
P00307020300 Updating CNF files CNF files updating complete Nota: En el comando load, la
extensión (.bin o .sbn) del archivo de firmware no debe ser mencionada.
```

4. Reajuste los Teléfonos IP de Cisco para hacer que escogen la versión del nuevo firmware. Si usted ha planeado para el tiempo muerto, reajuste todos los teléfonos inmediatamente.

Usted puede también reajustar los teléfonos individualmente, pues los usuarios están

```
listos.Router_CCME(config-telephony)#reset ? H.H.H mac address all reset all ethernet phones
cancel cancel in progress reset sequence-all reset all ethernet phones sequentially, wait
for each phone to re-register before resetting the next phone. This prevents possible
conflict between phones when accessing IOS TFTP services. Router_CCME(config-
telephony)#reset all Reset 1 phones: at 15 second interval - this could take several
minutes per phone Starting with 7960 phones Router_CCME(config-telephony)# Reset-All:
Requesting Reset for phone SEP000A8A93E0F9 at 172.16.2.101 deviceType 7 Telecaster 7960
Idle [count=1] *Nov 30 09:21:39.803 UTC: %IPPHONE-6-UNREGISTER_NORMAL: ephone-
1:SEP000A8A93E0F9 IP:172.16.2.101 Socket:1 DeviceType:Phone has unregistered normally.
Reset/Restart-all looking for phones registered as type 8 Telecaster 7940 Reset/Restart-all
looking for phones registered as type 6 Telecaster 7910 Reset/Restart-all looking for
phones registered as type 20000 7905 *Nov 30 09:21:53.803 UTC: %IPPHONE-6-REG_ALARM: 22:
Name=SEP000A8A93E0F9 Load=7. 2(3.0) Last=Reset-Reset *Nov 30 09:21:53.803 UTC: %IPPHONE-6-
REGISTER: ephone-1:SEP000A8A93E0F9 IP:172.1 6.2.101 Socket:1 DeviceType:Phone has
registered. Reset/Restart-all looking for phones registered as type 30008 7902
Reset/Restart-all looking for phones registered as type 30007 7912 Reset/Restart-all
looking for phones registered as type 30002 7920 Reset/Restart-all looking for phones
registered as type 30016 CIPC Reset/Restart-all looking for phones registered as type 30006
7970 Reset/Restart-all looking for phones registered as type 119 7971 Reset/Restart-all
looking for phones registered as type 115 7941 Reset/Restart-all looking for phones
registered as type 308 7961GE Reset/Restart-all looking for phones registered as type 309
7941GE Reset/Restart-all looking for phones registered as type 307 7911 Reset/Restart-all
looking for phones registered as type 302 7985 Reset/Restart-all looking for phones
registered as type 30018 7961 Reset/Restart-all looking for phones registered as type 30019
7936 Reset/Restart-all looking for phones registered as type 12 ATA Phone Reset/Restart-all
looking for phones registered as type 30027 SCCP Gateway (AN) Reset/Restart-all looking for
phones registered as type 30028 SCCP Gateway (BRI) Reset/Restart-all looking for phones
registered as type 9 7935 Reset/Restart-all looking for phones registered as type 1 30SP+
Reset/Restart-all looking for phones registered as type 2 12SP+ Reset/Restart-all looking
for phones registered as type 3 12SP Reset/Restart-all looking for phones registered as
type 4 12 Reset/Restart-all looking for phones registered as type 5 30VIP Reset/Restart-all
looking for phones registered as type 80 Unity Voice Port Reset/Restart-all looking for
phones registered as type 21 Unity Voice Port Reset/Restart-all looking for phones
registered as type -1 Unknown -1 Reset-All issued for 1 phones 43 seconds (wait for last
```

phone to re-register)

```
Router_CCME
Router_CCME#show ephone phone-load DeviceName
CurrentPhoneload PreviousPhoneload LastReset
=====
===== SEP000A8A93E0F9 7.2(3.0) 7.2(2.0)
Initialized
```

Verificación

Use esta sección para confirmar que su configuración funciona correctamente.

Publique estos comandos a verfiy su configuración:

- **muestre el telefonía-servicio todo** — visualiza la configuración detallada de todos los Teléfonos IP, puertos de voz, y dial peer de Cisco del router del Servicio Cisco IOS

```
Telephony.Router_CCME#show telephony-service all CONFIG [Version=3.4(0)]
===== Version 3.4(0) Cisco CallManager Express For on-line documentation
please see: www.cisco.com/univercd/cc/td/doc/product/access/ip_ph/ip_ks/index.htm ip source-
address 172.16.2.211 port 2000 load 7960-7940 P00307020300 max-ephones 1 max-dn 1 max-
conferences 8 gain -6 dspfarm units 0 dspfarm transcode sessions 0 hunt-group report delay 1
hours max-redirect 5 time-format 12 date-format mm-dd-yy timezone 0 Greenwich Standard Time
keepalive 30 timeout interdigit 10 timeout busy 10 timeout ringing 180 caller-id name-only:
enable edit DN through Web: disabled. edit TIME through web: disabled. Log (table
parameters): max-size: 150 retain-timer: 15 create cnf-files version-stamp Jan 01 2002
00:00:00 transfer-system full-consult auto assign 1 to 1 local directory service: enabled.
ephone-dn 1 number 7001 preference 0 secondary 9 huntstop call-waiting beep Number of
Configured ephones 1 (Registered 1) ephone 1 mac-address 000A.8A93.E0F9 type 7960 button 1:1
! voice-port 50/0/1 station-id number 7001 ! dial-peer voice 20011 pots destination-pattern
7001$ huntstop progress_ind setup enable 3 port 50/0/1 tftp-server
system:/its/SEPDEFAULT.cnf tftp-server system:/its/SEPDEFAULT.cnf alias SEPDefault.cnf tftp-
server system:/its/XMLDefault.cnf.xml alias XMLDefault.cnf.xml tftp-server
system:/its/ATADefault.cnf.xml tftp-server system:/its/XMLDefault7960.cnf.xml alias
SEP000A8A93E0F9.cnf.xml tftp-server system:/its/united_states/7960-tones.xml alias
United_States/7960-to nes.xml tftp-server system:/its/united_states/7960-font.xml alias
English_United_States/ 7960-font.xml tftp-server system:/its/united_states/7960-
dictionary.xml alias English_United_S tates/7960-dictionary.xml tftp-server
system:/its/united_states/7960-kate.xml alias English_United_States/ 7960-kate.xml tftp-
server system:/its/united_states/SCCP-dictionary.xml alias English_United_S tates/SCCP-
dictionary.xml
```

- **ephone de la demostración** — información de las visualizaciones sobre los Teléfonos IP registrados de Cisco.Router_CCME#show ephone ephone-1 Mac:000A.8A93.E0F9 TCP socket:[1] activeLine:0 REGISTERED in SCCP ver 6 mediaActive:0 offhook:0 ringing:0 reset:0 reset_sent:0 paging 0 debug:1 IP:172.16.2.101 50230 Telecaster 7960 keepalive 5 max_line 6 button 1: dn 1 number 7001 CH1 IDLE

Troubleshooting

En esta sección encontrará información que puede utilizar para solucionar problemas de configuración.

Estos comandos debug ayudan a identificar cualquier problema en la actualización del firmware:

- eventos de tftp del debug
- registro del ephone del debug

Este ejemplo muestra la información del debug generada cuando un Cisco IP Phone 7960 se actualiza con éxito a la versión de firmware 7.2.2:

```
*Nov 30 09:15:19.868 UTC: ephone-1[1]:UnregisterMessage after Reset/Restart sent
*Nov 30 09:15:19.868 UTC: ephone-1[1]:Phone Unregistered on socket [1] SEP000A8A93E0F9
93E0F9
*Nov 30 09:15:19.868 UTC: ephone-1[1]:UnregisterAck sent on socket [1] (0/0/10)
*Nov 30 09:15:19.868 UTC: %IPPHONE-6-UNREGISTER_NORMAL: ephone-1:SEP000A8A93E0F9
IP:172.16.2.101 Socket:1 DeviceType:Phone has unregistered normally.
*Nov 30 09:15:19.868 UTC: skinny_server_process: Socket error. errno=0
*Nov 30 09:15:19.868 UTC: ephone-1[1]:DisAssociate: Closed socket 1 for unregist
ered phone
*Nov 30 09:15:19.868 UTC: CLOSED Skinny socket 1 for de-registered phone
*Nov 30 09:15:30.976 UTC: TFTP: Looking for CTLSEP000A8A93E0F9.tlv
*Nov 30 09:15:30.984 UTC: TFTP: Looking for SEP000A8A93E0F9.cnf.xml
*Nov 30 09:15:31.504 UTC: TFTP: Opened system:/its/XMLDefault7960.cnf.xml, fd 0,
size 788 for process 216
*Nov 30 09:15:31.508 UTC: TFTP: Finished system:/its/XMLDefault7960.cnf.xml, tim
e 00:00:00 for process 216
Reset sequence-all, Ready to reset next phone (last 15 sec)
```

Reset/Restart-all looking for phones registered as type 8 Telecaster 7940

```
*Nov 30 09:15:34.384 UTC: New Skinny socket accepted [1] (0 active)
*Nov 30 09:15:34.384 UTC: sin_family 2, sin_port 50230, in_addr 172.16.2.101
*Nov 30 09:15:34.384 UTC: skinny_add_socket 1 172.16.2.101 50230
*Nov 30 09:15:34.869 UTC: %IPPHONE-6-REG_ALARM: 22: Name=SEP000A8A93E0F9 Load=7.
2(3.0) Last=Reset-Reset
*Nov 30 09:15:34.869 UTC:
Skinny StationAlarmMessage on socket [1] 172.16.2.101 SEP000A8A93E0F9
*Nov 30 09:15:34.869 UTC: severityInformational p1=2049 [0x801] p2=1694634156 [0
x650210AC]
*Nov 30 09:15:34.869 UTC: 22: Name=SEP000A8A93E0F9 Load=7.2(3.0) Last=Reset-Rese
t
*Nov 30 09:15:34.869 UTC: ephone-(1)[1] StationRegisterMessage (0/0/10) from 172
.16.2.101
*Nov 30 09:15:34.869 UTC: ephone-(1)[1] Register StationIdentifier DeviceName SE
P000A8A93E0F9
*Nov 30 09:15:34.869 UTC: ephone-(1)[1] StationIdentifier Instance 1 deviceTy
pe 7
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:stationIpAddr 172.16.2.101
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:maxStreams 0
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:protocol Ver 0x84000006
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:phone-size 2820 dn-size 488
*Nov 30 09:15:34.869 UTC: ephone-(1) Allow any Skinny Server IP address 172.16.2
.211
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:Found entry 0 for 000A8A93E0F9
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:socket change -1 to 1
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:FAILED: CLOSED old socket -1
*Nov 30 09:15:34.869 UTC: ephone-1[1]:***Force device subtype to 0
*Nov 30 09:15:34.869 UTC: ephone-1[1]:phone SEP000A8A93E0F9 re-associate OK on s
ocket [1]
```

Reset/Restart-all looking for phones registered as type 6 Telecaster 7910 0 09:15:34.869 UTC: ephone-1[-1]:maxStreams 0

```
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:protocol Ver 0x84000006
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:phone-size 2820 dn-size 488
*Nov 30 09:15:34.869 UTC: ephone-(1) Allow any Skinny Server IP address 172.16.2
.211
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:Found entry 0 for 000A8A93E0F9
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:socket change -1 to 1
*Nov 30 09:15:34.869 UTC: ephone-1[-1]:FAILED: CLOSED old socket -1
*Nov 30 09:15:34.869 UTC: ephone-1[1]:***Force device subtype to 0
*Nov 30 09:15:34.869 UTC: ephone-1[1]:phone SEP000A8A93E0F9 re-associate OK on s
ocket [1]
*Nov 30 09:15:34.869 UTC: %IPPHONE-6-REGISTER: ephone-1:SEP000A8A93E0F9 IP:172.1
6.2.101 Socket:1 DeviceType:Phone has registered.
*Nov 30 09:15:34.869 UTC: Phone
```

Reset/Restart-all looking for phones registered as type 20000 7905 0 socket 1

```
*Nov 30 09:15:34.869 UTC: Skinny Local IP address = 172.16.2.211 on port 2000
*Nov 30 09:15:34.869 UTC: Skinny Phone IP address = 172.16.2.101 50230
*Nov 30 09:15:34.869 UTC: ephone-1[1]:Signal protocol ver 5 to phone with ver 6
*Nov 30 09:15:34.869 UTC: ephone-1[1]:Date Format M/D/Y
*Nov 30 09:15:34.869 UTC: ephone-1[1]:RegisterAck sent to ephone 1: keepalive pe
```

riod 30 use sccp-version 5
*Nov 30 09:15:34.873 UTC: ephone-1[1]:CapabilitiesReq sent
*Nov 30 09:15:35.125 UTC: ephone-1[1]:CapabilitiesRes received
*Nov 30 09:15:35.125 UTC: ephone-1[1]:Caps list 7
WideBand_256K 120 ms
G711Ulaw64k 40 ms
G711Alaw64k 40 ms
G729AnnexB 60 ms
G729AnnexAwAnnexB 60 ms
G729 60 ms
G729AnnexA 60 ms

*Nov 30 09:15:35.125 UTC: ephone-1[1]:ButtonTemplateReqMessage
*Nov 30 09:15:35.
Reset/Restart-all looking for phones registered as type 30008 7902 125 UTC: ephone-1[1]:CheckAutoReg
*Nov 30 09:15:35.125 UTC: ephone-1[1]:AutoReg is disabled
*Nov 30 09:15:35.125 UTC: ephone-1[1][SEP000A8A93E0F9]:Setting 6 lines 0 speed-dials on phone (max_line 6)
*Nov 30 09:15:35.125 UTC: ephone-1[1]:First Speed Dial Button location is 0 (0)
*Nov 30 09:15:35.125 UTC: ephone-1[1]:Configured 0 speed dial buttons
*Nov 30 09:15:35.125 UTC: ephone-1[1]:ButtonTemplate lines=6 speed=0 buttons=6 offset=0
*Nov 30 09:15:35.381 UTC: ephone-1[1]:StationSoftKeyTemplateReqMessage
*Nov 30 09:15:35.381 UTC: ephone-1[1]:StationSoftKeyTemplateResMessage
*Nov 30 09:15:35.633 UTC: ephone-1[1]:StationSoftKeySetReqMessage
*Nov 30 09:15:35.633 UTC: ephone-1[1]:Removed SkPark key
*Nov 30 09:15:35.633 UTC: ephone-1[1]:StationSoftKeySetResMessage
*Nov 30 09:15:3
Reset/Restart-all looking for phones registered as type 30007 7912 5.885 UTC: ephone-1[1]:StationLineStatReqMessage from ephone line 6
*Nov 30 09:15:35.885 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatReqMessage from ephone line 6 Invalid DN 0
*Nov 30 09:15:35.885 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatResMessage sent to ephone (1 of 6)
*Nov 30 09:15:36.137 UTC: ephone-1[1]:StationLineStatReqMessage from ephone line 5
*Nov 30 09:15:36.137 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatReqMessage from ephone line 5 Invalid DN 0
*Nov 30 09:15:36.137 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatResMessage sent to ephone (2 of 6)
*Nov 30 09:15:36.389 UTC: ephone-1[1]:StationLineStatReqMessage from ephone line 4
*Nov 30 09:15:36.389 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatReqMessage from ephone line 4 Invalid DN 0
*Nov 30 09:15:36.38
Reset/Restart-all looking for phones registered as type 30002 7920 9 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatResMessage sent to ephone (3 of 6)
*Nov 30 09:15:36.641 UTC: ephone-1[1]:StationLineStatReqMessage from ephone line 3
*Nov 30 09:15:36.641 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatReqMessage from ephone line 3 Invalid DN 0
*Nov 30 09:15:36.641 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatResMessage sent to ephone (4 of 6)
*Nov 30 09:15:36.893 UTC: ephone-1[1]:StationLineStatReqMessage from ephone line 2
*Nov 30 09:15:36.893 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatReqMessage from ephone line 2 Invalid DN 0
*Nov 30 09:15:36.893 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatResMessage sent to ephone (5 of 6)
*Nov 30 09:15:37.145 UTC: ephone-1[1]:StationLineStatReqMessage from ephone line 1
*Nov 30 09:15:37.145 UTC: ephone
Reset/Restart-all looking for phones registered as type 30016 CIPC e-1[1]:Stati

```
onLineStatReqMessage ephone line 1 DN 1 = 7001 desc = 7001 label =
*Nov 30 09:15:37.145 UTC: ephone-1[1][SEP000A8A93E0F9]:StationLineStatResMessage
sent to ephone (6 of 6)
*Nov 30 09:15:37.145 UTC: ephone-1[1]:SkinnyCompleteRegistration
*Nov 30 09:15:37.221 UTC: TFTP: Looking for SEP000A8A93E0F9.cnf.xml
*Nov 30 09:15:37.221 UTC: TFTP: Opened system:/its/XMLDefault7960.cnf.xml, fd 0,
size 788 for process 216
*Nov 30 09:15:37.221 UTC: TFTP: Looking for RINGLIST.XML
*Nov 30 09:15:37.241 UTC: TFTP: Finished system:/its/XMLDefault7960.cnf.xml, tim
e 00:00:00 for process 216
*Nov 30 09:15:37.245 UTC: TFTP: Looking for DISTINCTIVERINGLIST.XML
*Nov 30 09:15:37.409 UTC: ephone-1[1]:Skinny Available Lines 6 set for socket [1
]
*Nov 30 09:15:37.409 UTC: ephone-1[1]:Already d
Reset/Restart-all looking for phones registered as type 30006 7970 one SkinnyCo
mpleteRegistration
Reset/Restart-all looking for phones registered as type 119 7971
Reset/Restart-all looking for phones registered as type 115 7941
Reset/Restart-all looking for phones registered as type 308 7961GE
Reset/Restart-all looking for phones registered as type 309 7941GE
Reset/Restart-all looking for phones registered as type 307 7911
Reset/Restart-all looking for phones registered as type 302 7985
Reset/Restart-all looking for phones registered as type 30018 7961
Reset/Restart-all looking for phones registered as type 30019 7936
Reset/Restart-all looking for phones registered as type 12 ATA Phone
Reset/Restart-all looking for phones registered as type 30027 SCCP Gateway (AN)
Reset/Restart-all looking for phones registered as type 30028 SCCP Gateway (BRI)

Reset/Restart-all looking for phones registered as type 9 7935
Reset/Restart-all looking for phones registered as type 1 30SP+
Reset/Restart-all looking for phones registered as type 2 12SP+
Reset/Restart-all looking for phones registered as type 3 12SP
Reset/Restart-all looking for phones registered as type 4 12
Reset/Restart-all looking for phones registered as type 5 30VIP
Reset/Restart-all looking for phones registered as type 80 Unity Voice Port
Reset/Restart-all looking for phones registered as type 21 Unity Voice Port
Reset/Restart-all looking for phones registered as type -1 Unknown -1
Reset-All issued for 1 phones
45 seconds (wait for last phone to re-register)
```

Nota: Durante una actualización, si el LCD de un Cisco IP Phone visualiza el archivo no encontrado, esto podría indicar una tentativa de cargar una imagen no firmada sobre un Cisco IP Phone que tiene ya una imagen firmada.

[Información Relacionada](#)

- [Matriz de Actualización del Firmware de los Teléfonos IP 7940 y 7960 de Cisco](#)
- [Soporte de tecnología de voz](#)
- [Soporte para productos de comunicaciones IP y por voz](#)
- [Troubleshooting de Cisco IP Telephony](#)
- [Soporte Técnico y Documentación - Cisco Systems](#)