

# Upgrade del Firmware de Teléfono IP con CCME

## Contenido

[Introducción](#)

[Prerequisites](#)

[Requirements](#)

[Componentes Utilizados](#)

[Convenciones](#)

[Antecedentes](#)

[Imágenes firmadas y sin firmar \(autenticación de imagen\)](#)

[Configurar](#)

[Downloads](#)

[Configuraciones paso a paso](#)

[Verificación](#)

[Troubleshoot](#)

[Información Relacionada](#)

## [Introducción](#)

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

## [Prerequisites](#)

### [Requirements](#)

Asegúrese de cumplir estos requisitos antes de intentar esta configuración:

- Los teléfonos IP de Cisco están registrados actualmente con Cisco CallManager Express.

### [Componentes Utilizados](#)

La información de este documento se basa en estas versiones de software y hardware, pero se aplica a todas las versiones de Cisco CallManager Express y cargas de teléfonos IP de Cisco:

- ¿IOS de Cisco? ¿Router en Cisco IOS? Versión 12.4(4)T con Cisco CallManager Express versión 3.4(0)
- Cisco IP Phone 7960

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

## [Convenciones](#)

Consulte Convenciones de Consejos Técnicos de Cisco para obtener más información sobre las convenciones sobre documentos.

## [Antecedentes](#)

### [Imágenes firmadas y sin firmar \(autenticación de imagen\)](#)

Hay dos tipos de imágenes que se utilizan en los teléfonos IP 7960 y 7940 de Cisco: imágenes firmadas y sin firmar. La autenticación de la imagen se realiza a través de archivos binarios firmados. Las imágenes firmadas tienen una extensión .sbn, mientras que las imágenes no firmadas tienen una extensión .bin.

Las versiones de imagen anteriores a 5.x aceptan archivos binarios sin signo. Las versiones de imagen 5.x y posteriores sólo aceptan archivos binarios firmados, lo que mejora la seguridad en los teléfonos IP 7960 y 7940 de Cisco. Sin embargo, el uso de archivos binarios firmados no le permite volver a una imagen de firmware anterior sin firmar. Una vez instalada una imagen de firmware de la versión 5.0, independientemente del protocolo, la imagen no se puede reemplazar con ninguna versión anterior. La imagen del firmware sólo se puede reemplazar con otra versión de imagen firmada 5.x o posterior. Todas las versiones anteriores a la versión 5.0 de los teléfonos IP 7960 y 7940 de Cisco no se cargan en el teléfono después de la instalación.

## [Configurar](#)

En esta sección, se le presenta la información para actualizar el firmware del teléfono IP de Cisco.

### [Downloads](#)

Los archivos de firmware SCCP requeridos se pueden descargar desde [Cisco IP Phone FW 7900 Series \(NON SIP\) - Descarga](#) de software ([sólo clientes registrados](#)). Descargue el archivo .zip apropiado para el modelo de teléfono IP de Cisco. Según el modelo del teléfono IP de Cisco, el archivo .zip puede contener uno o más archivos.

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

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

Del mismo modo, el archivo .zip del firmware para el modelo de teléfono IP 7905G de Cisco, **cmterm-7905G-sccp.6-1-1**, incluye estos archivos:

- CP7905060101SCCP050429A.sbin
- CP7905060101SCCP050429A.zup

## [Configuraciones paso a paso](#)

Para configurar el firmware aplicable, complete estos pasos:

1. Transfiera todos los archivos de firmware a la memoria Flash de Cisco CallManager Express. Para verificar la transferencia de archivos, ejecute 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 que los archivos estén disponibles para su descarga en 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 adecuado 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**, no se debe mencionar la extensión (.bin o .sbn) del archivo de firmware.

4. Reinicie los teléfonos IP de Cisco para que elijan la nueva versión de firmware. Si ha planificado el tiempo de inactividad, reinicie todos los teléfonos a la vez. También puede restablecer los teléfonos individualmente, ya que 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 p  
er 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.

Ejecute estos comandos para verificar su configuración:

- **show telephony-service all:** muestra la configuración detallada de todos los teléfonos IP de Cisco, puertos de voz y pares de marcado del router del servicio de telefonía del IOS de Cisco.

```

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
```

- **show ephone**: muestra información sobre los teléfonos IP de Cisco registrados.

```
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
```

## Troubleshoot

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:

- **debug tftp events**
- **debug ephone register**

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

```
*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] SEP000A8A
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 3  
Reset/Restart-all looking for phones registered as type 6 Telecaster 7910 0 09:1  
5:34.869 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: eph  
one-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-d  
ials 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 o  
ffset=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: e  
phone-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

\*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: ephon

Reset/Restart-all looking for phones registered as type 30016 CIPC e-1[1]:StationLineStatReqMessage 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, time 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 SkinnyCompleteRegistration

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 la pantalla LCD de un teléfono IP de Cisco muestra `Archivo no encontrado`, esto podría indicar un intento de cargar una imagen sin firmar en un teléfono IP de Cisco que ya tiene 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](#)