

Grandstream Networks, Inc.

Grandstream Device Webex Configuration Guide

GSC3510/GSC3505



webex
by **CISCO**



GSC3510 / GSC3505



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OVERVIEW

Grandstream GSC3510 and GSC3505 devices are compatible with Webex and can be configured for Cisco Webex calling.

Grandstream SIP devices can be configured via Web Interface as well as via Configuration File through HTTPS/HTTP or TFTP download. All Grandstream SIP devices accept configuration files in XML format. The XML provisioning implementation allows a MAC-based configuration file as well as a generic XML configuration file. For details on XML provisioning, please refer to Grandstream SIP Device Provisioning Guide at:

https://www.grandstream.com/hubfs/Product_Documentation/gs_provisioning_guide.pdf

This document serves as a configuration guide on Grandstream GSC3510 and GSC3505 for Cisco Webex calling. A list of must-have configuration options is illustrated in screenshot examples. GSC3510 and GSC3505 have similar web UI layout and configuration options. We will use GSC3510 screenshot examples to show the configuration options needed for Cisco Webex calling.

PREREQUISITES

The GSC3510/GSC3505 installation steps are not covered in this guide.

Please refer to GSC3510/GSC3505 Quick Installation Guides to correctly install your devices.

The following table provides the GSC3510/GSC3505 Quick Installation Guides :

Table 1: Devices Quick Installation Guide

Device	Quick Installation Guide
GSC3510	https://www.grandstream.com/hubfs/Product_Documentation/GSC35XX_QIG.pdf
GSC3505	

The following table shows the firmware version supported on GSC3510/GSC3505 for Cisco Webex Calling:

Table 2: Devices Firmware

Device	Firmware
GSC3510	1.0.1.15+
GSC3505	1.0.1.15+



GSC3510/GSC3505 CONFIGURATION

After GSC35XX QIG configuration Steps 1-2 in the section “Accessing the Configuration Interface, users can access the GSC3510/GSC3505 web UI to configure the following options for Cisco Webex Calling:

1. Account Settings → General Settings

Account Registration

Account Active ?	<input checked="" type="checkbox"/>	
Account Name ?		<input type="text" value="Webex"/>
SIP Server ?		<input type="text" value="64941297.int10.bcl.d.webex.com"/>
SIP User ID ?		<input type="text" value="yl6plto18d"/>
SIP Authentication ID ?		<input type="text" value="827"/>
SIP Authentication Password ?		<input type="password" value=""/>

Figure 1: Account Settings – General Settings – Account Registration

Network Settings

Outbound Proxy ?		<input type="text" value="hs17.hosted-int.bcl.d.webex.com"/>
Secondary Outbound Proxy ?		<input type="text" value=""/>
DNS Mode ?		<input type="text" value="SRV"/>
Maximum Number of SIP Request Retries ?		<input type="text" value="4"/>
DNS SRV Failover Mode ?		<input type="text" value="Default"/>

Figure 2: Account Settings – General Settings – Network Settings

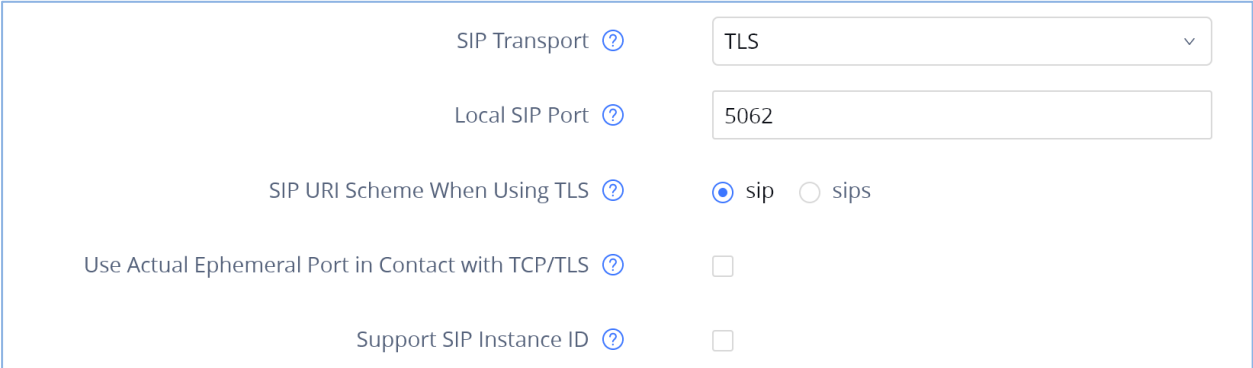
The following table lists the required settings:



Table 3: Account Settings – General Settings

Options	Webex Calling Compatible Values
SIP Server	Enter the Webex domain
Outbound Proxy	Enter the SBC domain
DNS Mode	Set it to “SRV”
SIP User ID	Enter Webex Line ID without the domain
Authentication ID	Enter Webex SIP Username
Password	Enter Webex SIP Password

2. Account Settings → SIP Settings



The screenshot shows the SIP Settings configuration interface with the following fields and options:

- SIP Transport**: A dropdown menu set to "TLS".
- Local SIP Port**: A text input field containing "5062".
- SIP URI Scheme When Using TLS**: Radio buttons for "sip" (selected) and "sips".
- Use Actual Ephemeral Port in Contact with TCP/TLS**: An unchecked checkbox.
- Support SIP Instance ID**: An unchecked checkbox.

Figure 3: Account Settings – SIP Settings

The following table lists the required settings:

Table 4: Account Settings – SIP Settings

Options	Webex Calling Compatible Values
SIP Transport	Select “TLS”
SIP URI Scheme When Using TLS	Select “sip”
Support SIP Instance ID	Uncheck this option



3. Account Settings → Codec Settings

RTP Settings

SRTP Mode ? Enabled but not forced ▼

SRTP Key Length ? AES 128&256 bit ▼

Figure 4: Account Settings – Codec Settings – RTP Settings

Advanced Features

Virtual Account Group ? Default ▼

Special Feature ? BroadSoft ▼

Figure 5: Account Settings – Codec Settings – Advanced Features

The following table lists the required settings:

Table 5: Account Settings – Codec Settings

Options	Webex Calling Compatible Values
SRTP Mode	Select “Enabled but Not Forced”
Special Feature	Select “BroadSoft”

4. Calls → Blacklist/Whitelist/Greylist

Blacklist/Whitelist/Greylist

Whitelist Blacklist Greylist

Remove from whitelist
Add from contacts
Add from blocked calls
Add manually

	NAME		NUMBER
<input type="checkbox"/>	Webex	Whitelist	825

Figure 6: Calls – Blacklist/Whitelist/Greylist



GSC3510/GSC3505 blocks all incoming calls by default. Users need to set up a Whitelist for the numbers allowed to call the GSC3510/GSC3505.

5. Phone Settings → Multicast/Group Paging

Multicast/Group Paging		
Multicast Paging	Multicast Listening	Group Paging
Priority	Listening Address	Label
1	<input type="text" value="231.11.10.11:6767"/>	<input type="text" value="Webex"/>

Figure 7: Phone Settings – Multicast/Group Paging

To receive multicast paging, GSC3510/GSC3505 must be configured to listen to the right IP address and port.

Note:

For more information about GSC3510/GSC3505 configurations and usage, please refer to the product web pages here:

<https://www.grandstream.com/products/facility-management/intercoms-paging>

