



Configuration Guide

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# Polycom® RealPresence® Group Series with BroadSoft



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# Get Started

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The Polycom® RealPresence® Group Series with BroadSoft Configuration Guide is for administrators who need to configure, customize, manage, the BroadSoft parameters with Polycom RealPresence Group Series systems via BroadSoft Device Management System. Polycom RealPresence Group Series software includes template configuration files and an XML schema file that provides examples of parameter types and permitted value types.

This guide defines the full set of configuration parameters referenced in the template configuration files supported by RealPresence Group Series systems.

Please read the RealPresence Group Series documentation before you install or operate the system. The following related documents for RealPresence Group Series are available at [Polycom Support](#)

- Polycom RealPresence Group Series Administrator Guide
- Polycom RealPresence Group Series Release Notes
- Polycom RealPresence Group Series Setup Sheet

## Audience, Purpose, and Required Skills

The primary audience for this guide is administrators who need to configure, customize, manage, and troubleshoot RealPresence Group Series systems. This guide provides concepts and general guidance to the system administrator. Polycom expects the administrator to be a mid-grade IT professional who is experienced in system administration.

## Get Help

For more information about installing, configuring, and administering Polycom products, refer to [Polycom Support](#).

## *Polycom and Partner Resources*

To find all Polycom partner solutions, see [Strategic Global Partner Solutions](#).

## *The Polycom Community*

The [Polycom Community](#) gives you access to the latest developer and support information. Participate in discussion forums to share ideas and solve problems with your colleagues. To register with the Polycom Community, simply create a Polycom online account. When logged in, you can access Polycom support personnel and participate in developer and support forums to find the latest information on hardware, software, and partner solutions topics.

# RealPresence Group Series Parameters

Use the parameters in the following table to configure RealPresence Group Series system with BroadSoft.

<i>Parameter</i>	<i>Description</i>	<i>Permitted Values</i>	<i>Type</i>
SIP.enableSIP	Enables or Disables the SIP services	True,False Default - False	boolean
SIP.uri	Specifies the SIP host URI address that is telephone extension on a voice over IP system		String
SIP.sipProxyServer	Specifies the SIP server's proxy address		String
SIP.sipRegistrarServer	Specifies the SIP server's address		String
SIP.transport	Specifies the type of transport layer that SIP should use from the list of values	Auto,TLS,TCP,UDP Default - Auto	Enum
SIP.bfcpttransportprotocol	Specifies the type of BFCP transport layer that SIP should use from the list of values.	Prefer_UDP, Prefer_TCP, UDP_ONLY, TCP_ONLY Default - Prefer_UDP	Enum
SIP.inboundCallRate	Specifies the inbound call rate from the given list of values	64,128,256,384,512,712,1024,1472,1920,3840,4096,6144,8192,10240	Enum
SIP.outboundCallRate	Specifies the outbound call rate from the given list of values	64,128,256,384,512,712,1024,1472,1920,3840,4096,6144,8192,10240	Enum

<b>Parameter</b>	<b>Description</b>	<b>Permitted Values</b>	<b>Type</b>
SIP.verifyCert	Specifies whether certificate authentication should use or not	True,False Default - False	boolean
SIP.enableLCSDirectory	Specifies which type of global directory server is enabled; if any, Local directory is always enabled	True,False Default - False	boolean
SIP.sipServerType	Specifies the type of server from the list of values	unknown,Microsoft Default – unknown	Enum
SIP.sipUserName	Specifies the valid SIP server's username for authentication		String
SIP.sipPassword	Specifies the valid password for authentication		String
LDAP.serverAddressDirectory	The address of the LDAP directory server		String
LDAP.serverAddressH350	The address of the LDAP directory server.		String
LDAP.baseDNPerson	The base Distinguished Name to use when searching for users or groups		String
LDAP.baseDNH350	The base Distinguished Name to use when searching for users or groups.		String

<b>Parameter</b>	<b>Description</b>	<b>Permitted Values</b>	<b>Type</b>
LDAP.queryAllMembersOfGroup	Specifies the LDAP query for all member group		String
LDAP.querySearchMembersOfGroup	Specifies the LDAP query for search member group		String
LDAP.defaultGroup	Specifies the default group for LDAP service		String
LDAP.verifyCert	Specifies whether to use certificate or not for LDAP service	True,False Default - False	Boolean
LDAP.enableLDAPDirectory	Type of global directory server is enabled; If any, Local directory is always enabled	True,False Default - False	Boolean
CONFIG.profileUpdateCheckInterval	Provisioning polling interval to CMA		UInt32
CONFIG.heartbeatPostInterval	Specifies the Heartbeat Interval		UInt32
CONFIG.inCallStatsPostInterval	Specifies the Interval to post in Call stats	Default - 30	UInt32
CONFIG.backgroundImage	Specifies the background image provided by provisioning server		String

<b>Parameter</b>	<b>Description</b>	<b>Permitted Values</b>	<b>Type</b>
CONFIG.answerSingleCall	Specifies whether to enable auto answering feature for single call	Yes,No,Do_Not_Disturb Default - Yes	Enum
CONFIG.answerMultipointCall	Specifies whether to enable auto answering feature for multipoint call	Yes,No,Do_Not_Disturb Default - No	Enum
CONFIG.muteAutoAnswer	Specifies the mute of auto answer	True,False Default – False	Boolean
CONFIG.maxTimeInCall	Specifies whether maximum call time		Integer
CONFIG.useCallLog	Specifies whether to enable call detail report or not	True,False Default – True	Boolean
CONFIG.dialingMethod	Specifies the available network dial type facilities	Auto,h323,sip,sip_speakerph one Default – Auto	Enum
CONFIG.audioAddInEnabled	Specifies whether to enable audioaddin feature or not	True,False Default – True	Boolean
CONFIG.timeFormat	Specifies the Choice of having a 12 or 24 hour system clock format	12, 24 Default – 12	Enum
CONFIG.secureMode	Specifies whether to enable secure communication or not	True,False Default – False	Boolean



<b>Parameter</b>	<b>Description</b>	<b>Permitted Values</b>	<b>Type</b>
CONFIG.allowVideoDisplayOnWeb	Controls whether system should generate near and far jpeg snapshots for video over web	True,False Default – False	boolean
CONFIG.enableEncryption	Specifies user setting for access control	True,False Default – False	boolean
CONFIG.ntlmVersion	Specifies the ntlm version	Auto,NTLMv2,NTLMv1 Default – Auto	Enum
CONFIG.fips-140Mode	Specifies the Enabling of FIPS mode	True,False Default – False	boolean
CONFIG.enableSipKeepAlives	Specifies the Enabling of SIP keep Alive	True,False Default – True	boolean
CONFIG.serviceType	Specifies the Service Type	IP_Precedence,DiffServ	Enum
CONFIG.audio	Specifies the information about Audio	Default – 5	UInt32
CONFIG.video	Specifies the information about Video	Default – 4	UInt32
CONFIG.fecc	Specifies the information about FECC	Default – 3	UInt32

<b>Parameter</b>	<b>Description</b>	<b>Permitted Values</b>	<b>Type</b>
CONFIG.maxTxUnitSize	Specifies the MTU size for QOS service	660,780,900,1020,1140,1260,1500 Default - 1260	Enum
CONFIG.enablePVEC	Specifies the Enabling of PVEC	True,False Default – True	boolean
CONFIG.enableRSVP	Specifies the Enabling of RSVP	True,False Default – True	boolean
CONFIG.dynamicBandwidth	Specifies the Information about Dynamic Bandwidth	True,False Default – True	boolean
CONFIG.maxTxBandwidth	Specifies maximum upload bandwidth	64,128,256,384,512,768,1024,1472,1920,3840,4096,6144,8192,10240 Default - 4096	Enum
CONFIG.maxRxBandwidth	Specifies maximum download bandwidth	64,128,256,384,512,768,1024,1472,1920,3840,4096,6144,8192,10240 Default - 4096	Enum
CONFIG.mgmt	Specifies the information about management	Default – 0	UInt32