



HP Poly Rove DECT IP Phone Parameter Reference Guide 8.0.11

SUMMARY

This guide provides administrators with information about configuring, maintaining, and troubleshooting the featured product.

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1 About this guide

This *HP Poly Rove DECT IP Parameter Reference Guide* contains overview information for navigating and performing tasks on HP Poly Rove DECT IP phones.

This guide contains information about the following Poly products and accessories:

- Poly Rove B1
- Poly Rove B2
- Poly Rove B4 base station

2 Audience, Purpose, and Required Skills

This guide is for beginning users, as well as intermediate and advanced users, who want to learn more about the features available with DECT IP phones.

3 Related Poly and Partner Resources

Poly is now a part of HP. The joining of Poly and HP paves the way for us to create the hybrid work experiences of the future. Information about Poly products is now transitioning from the Poly Support site to the HP Support site.

Visit the following sites for information related to this product.

- [HP Support](#) is the entry point to online product, service, and solution support information. Find product-specific information such as **Troubleshooting** information, **Setup & User Guides**, **Product Specifications**, **Warranty & Repair** information, support videos, and knowledge base articles on the product page. You can also download software for desktop and mobile platforms from **Software & Drivers** and access additional services from the **Account & Registration** page.
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4 Documentation Feedback

We welcome your feedback to improve the quality of Poly documentation.

Please email [Documentation Feedback](#) if you have any queries or suggestions related to this documentation.

5 System Configuration Parameters

This guide provides OBi parameters and their values for system configuration.

XML Usage

When you write or edit XML for your Poly system, use an XML editor that automatically checks your syntax.

Parameter Structure

Poly DECT IP phone parameters are written in a literal fashion, which is structured as **ParameterGroupName.ParameterName. Parameter Value**.

The **ParameterGroupName** is the name of the first parameter group in literal fashion. This string doesn't contain any spaces, is case-sensitive, and always ends with a period. You can use more than one **ParameterGroupName**.

The **ParameterName** is the name of the configuration parameter without spaces, is case-sensitive, and always ends with a period.

The Parameter Value is the value to assign to the configuration parameter. The Parameter Value isn't case-sensitive, and it can contain spaces. However, it must match the exact value when one or more choices are available.

When using the literal fashion in your XML files, you need to match the text string exactly for **ParameterGroupName.ParameterName**, but text formatting, such as bold face, isn't required and is removed when your script or app is processed.

Parameter Values

Throughout the document, we include parameter values in boolean or string format.

- Boolean values—We refer to a Boolean value as “enable or disable” or “yes or no”, but the only valid Boolean parameter values to use in a phone configuration file is either true/false or True/False (case-sensitive).
- String values—You must provision parameters that take one of several valid options with string values that match exactly one of those choices included in this guide. Otherwise, the system ignores the entered value and uses the default value.

When entering a parameter value, avoid adding extra white spaces before or after the parameter value. If the value is a comma-separated list of strings or contains attributes after a comma or semicolon, avoid adding extra white space before and after the delimiter.

For example, enter a parameter and values in a comma-separated list like the following: **SCAInfoMapping**
= 1,1,0,0,0,0,0

If a parameter value can include white spaces, use just a single space and no extra space before and after the value.

For example: **LineKeyProfile** = Profile 1

6 Provisioning and Firmware Parameters

Use the following parameters to configure automatic provisioning services for your system.

X_DeviceManagement.FirmwareUpdate

FirmwareServer

Sets the HTTP, HTTPS, or TFTP server address where the firmware is located.

None (default)

FirmwarePath

Sets the path on the server that leads to the firmware files. The path may contain multiple directories separated by forward slashes.

None (default)

TerminalFilePath

Sets the folder on the server where the image files are located.

None (default)

Method

Sets the current operational method of automatic firmware updates.

Disabled (default)-The system doesn't check the server for the firmware upgrade.

System Start-The system checks the server for the firmware upgrade just once when the system starts.

Periodically-The system checks the sever each time the system starts, and then periodically at the interval specified in the **Interval** parameter.

NOTE: The first firmware upgrade check on system start is performed after a random delay of 0 to 30 seconds.

Interval

When **Method** is set to Periodically, this is the number of seconds between download from **ConfigURL**. If value is 0, system downloads once only on system start (equivalent to setting **Method** to System Start).

0 (default)

Suspend

Suspends firmware update until canceled.

False (default)

True

X_DeviceManagement.FirmwareUpdate. Rove parameters

BaseFwVersion

Sets the base version of the firmware.

Example: 8000

None (default)

BaseFwBranch

Sets the branch version of the firmware.

Example: 0001

None (default)

RoveR8FwVersion

Sets the base version of the firmware.

Example: 8000

None (default)

RoveR8FwBranch

Sets the branch version of the firmware.

Example: 0001

None (default)

Rove20FwVersion

Sets the base version of the firmware.

None (default)

Example: 8000

Rove30FwVersion

Sets the base version of the firmware.

None (default)

Example: 8000

Rove20BranchVersion

Sets the branch version of the firmware.

Example: 0001

None (default)

Rove30FwBranchVersion

Sets the branch version of the firmware.

Example: 0001

None (default)

Rove40FwVersion

Sets the base version of the firmware.

Example: 8000

None (default)

Rove40FwBranchVersion

Sets the branch version of the firmware.

Example: 0001

None (default)

Rove20BckgndImgName

Sets the name of the background image file.

None (default)

Rove30BackgndImgName

Sets the name of the background image file.

None (default)

Rove20StartUpImgName

Sets the name of the start-up image file.

None (default)

Rove30StartUpImgName

Sets the name of the start-up image file.

None (default)

Rove40BackgndImgName

Sets the name of the background image file.

None (default)

Rove40StartUpImgName

Sets the name of the start-up image file.

None (default)

X_DeviceManagement.ITSPProvisioning. parameters

Method

Sets the current operational method of provisioning.

Disabled-The system doesn't check the server for the firmware upgrade.

System Start (default)-The system checks the server for the firmware upgrade just once when the system starts.

Periodically-The system checks the sever each time the system starts, and then periodically at the interval specified in the `Interval` parameter.

Time of Day-The system checks the server once at the specified time of day.

NOTE: First download on system start is performed after a random delay of 30 to 90 seconds if a firmware update is scheduled at the beginning, or a random delay of 10 to 70 seconds.

Interval

When `Method` is set to Periodically, this is the number of seconds between download from `ConfigURL`. If value is 0, the system downloads once only on system start (equivalent to setting `Method` to System Start).

0

TimeOfDay

Sets the time of the day in hh:mm[+rr] format, valid when `Method` is set to Time of Day.

ProvisioningOption

Sets the provisioning option to use for provisioning with a provisioning server.

UCSServer then ConfigURL (default)-Looks for configuration files using the UC Software provisioning method first (`<mac>.cfg` or `000000000000.cfg`), then using the OBi provisioning method.

UCSServer-Looks for configuration files using the UC Software provisioning method as defined by the **UCSServer** parameter.

ConfigURL-Looks for configuration files using the OBi provisioning method as defined by the **ConfigURL** parameter.

UCSServer

Specifies the UC Software provisioning server and path location via DHCP options or a specific URL.

`$DHCP OPT160; $DHCP OPT66` (default)

ConfigURL

Sets the OBi provisioning strings where the full server host name, path, and file name of where the configuration file is located.

Default:

`$DHCP OPT160/$MAC.xml; $DHCP OPT160/$DM.xml; $DHCP OPT160; tftp://$DHCP OPT66/$DM.xml; $DHCP OPT66/$DM.xml; $DHCP OPT66`

Override

Defines which local settings can be overridden by this provisioning.

All (default)

All except user settings

GPRM0 to GPRM7

Nonvolatile generic parameters that can be referenced in other parameters, such as `ConfigURL`.

None (default)

ProvisioningPrimary

MAC address of the provisioning primary base station that will fetch the shared profile and act on shared parameters. This only applies when dual/multi-cell is enabled. If not specified, the DECT primary is the provisioning primary.

None (default)

TPRM0 to TPRM3

Temporary variables used in scripts for **ConfigURL**.

None (default)

X_DeviceManagement.Provisioning. (OBiTALK Provisioning)

Method

Current operational method of PDMS-SP cloud provisioning.

Disabled (default)-The system doesn't check the server for the firmware upgrade.

System Start-The system checks the server for the firmware upgrade just once when the system starts.

Periodically-The system checks the sever each time the system starts, and then periodically at the interval specified in the Interval parameter.

Time of Day-The system checks the server once at the specified time of day.

NOTE: This parameter is automatically provisioned by PDMS-SP after the device connects to the PDMS-SP server. Disable this parameter if you are not planning to connect to PDMS-SP.

Interval

When **Method** is set to Periodically, this is the number of seconds between download from **ConfigURL**.

If value is 0, system downloads once only on system start (equivalent to setting **Method** to System Start).

0 (default)

TimeOfDay

Sets the time of the day in hh:mm [+rr] format, valid when **Method** is set to Time of Day.

00:00+30 (default)

ConfigURL

Sets the URL of the configuration file for PDMS-SP cloud provisioning.

None (default)

GPRM0 to GPRM7

Nonvolatile generic parameters that can be referenced in other parameters, such as **ConfigURL**.

None (default)

TPRM0 to TPRM3

Temporary variables used in scripts for **ConfigURL**.

None (default)

X_DeviceManagement.X_UserDefinedMacro.n. parameters

Value

The value can be any plain text or a valid canonical parameter name preceded by a \$ sign. For example:

`$X_DeviceManagement.WebServer.Port`

None (default)

NOTE: Do not enclose the parameter name following the \$ sign with braces or parentheses.

ExpandIn

This is a comma-separated list of canonical parameter names where you enter the macro expansion. You can specify as many as two parameter names. Use **ANY** to allow the macro to expand in any parameter.

Example: `X_DeviceManagement.HTTPClient.UserAgent`

None (default)

NOTE: There's no \$ sign in front of the parameter name. You can't use the macro in any parameter value if this value is blank (the default).

SyntaxCheckResult

This read-only status value shows the syntax of the UDM. Pass means that this UDM is valid. Otherwise, it shows the syntax error detected by your system either in the **Value** or **ExpandIn** parameters of the UDM.

Disabled (default)

7 Network parameters

Use the following parameters to configure your system's network connection.

DeviceInfo.WAN

DeviceInfo.WAN. address parameters

Use the following parameters to configure your phones address.

AddressingType

Indicates the method currently used by the handset to get an TCP/IP address assignment.

Static

DHCP (default)

IPAddress

Sets the IP address currently assigned to the handset when using static IP addressing.

Example value: 192.168.15.165

None (default)

SubnetMask

Sets the subnet mask to use when **AddressingType** is set to Static.

255.255.255.0 (default)

DefaultGateway

Sets the default gateway to use when **AddressingType** is set to Static.

Example value: 192.168.15.1

None (default)

DNSServer1

Sets the URL for domain name server 1 when **AddressingType** is set to Static.

Example value: 8.4.4.4

None (default)

DNSServer2

Sets URL for domain name server 2 when **AddressingType** is set to Static.

Example value: 4.2.2.2

None (default)

DeviceInfo.WAN 802.1x authentication parameters

All Poly devices support 802.1X authentication.

802_1XMode

Sets the port-based network access control that provides an authentication mechanism to attach to a LAN.

Disable (default)

MD5

TLS

802_1XIdentity

Specifies the user name for 802.1x authentication.

None (default)

802_1XPassword

Specifies the password for 802.1x authentication.

None (default)

DeviceInfo.WAN LLDP parameters

LLDP-MEDSend

Enables LLDP-MED send.

True (default)

False

LLDP-MEDVLANDiscovery

Enables VLAN Discovery via LLDP-MED.

False

True (default)

LLDP-MEDSendDelay

Sets the delay between LLDP-MED messages in seconds.

30 (default)

DeviceInfo.WAN CDP parameters

CDPSend

Enables Cisco Discover Protocol (CDP) send.

True (default)

False

CDP Recv

Enables CDP receive.

True (default)

False

CDPSendDelay

Sets the delay in seconds between LLDP-MED messages in seconds.

60 (default)

DeviceInfo.WAN ethernet parameters

StandAloneMode

Allows the base station to start up without an Ethernet connection. Only applicable when **AddressingType** is set to Static.

False (default)

True

X_LocalDNSRec. Local DNS Records parameters

N = 1 to 32

For DNS A records, use the following format: Name=IP1,IP2,..., where: Name is the FQDN IP is the IP address that the FQDN resolves to.

For DNS SRV records, use the following format::

`_service._proto.name={host1:port1,priority1,weight1},{host2:port2,priority2,weight2}` etc.

Where: service is the name of the service (for example, sip) proto is the transport protocol of the service (for example, udp) name is the domain name for the record host is the hostname of the machine providing the service (for example, sbc.example.com)

Port is the port where the service is found (for example, 5060) priority is the priority of the target host weight is the relative weight for records with the same priority

N

Specify the local DNS record

None (default)

X_DNSControl.parameters

DNSQueryOrder

The order to query available DNS servers. Applicable only to provisioning.

DNS Server1, DNS Server2, DHCP Offered DNS Servers (default)

DNS Offered DNS Servers, DNS Server1, DNS Server2 DNS Server1, DNS Server2

DNSQueryDelay

Delay in querying the next DNS server when there are multiple servers available. Applicable only to provisioning.

2 (default)

0 - 5

LocalDNSRecordMode

The mode defines how the local DNS records are handled by the device. Applicable to provisioning only.

Persistent Cache (default)

LocalDNSRecordTTL

Time to live in seconds for local DNS record in Backup Record mode

120 (default)

60 - 604800

DeviceInfo.Time.

DeviceInfo.Time. parameters

CurrentLocalTime

Sets the current local date and time of your system (read-only parameter).

Example: 2/28/2020 07:41:26

CurrentNTPServer1

Sets the host name or IP address of the current first NTP server. (Read-only parameter).

ntp.polycom.com

NTPServer1

Sets the host name or IP address of the first NTP server.

ntp.polycom.com (default)

LocalTimeZone

Sets the local time zone in GMT format.

- GMT-08:00(Pacific Time) (default)
- GMT-12:00(Int'l Dateline West)
- GMT-11:00(Samoa)
- GMT-10:00(Hawaii)
- GMT-09:00(Alaska)
- GMT-07:00(Mountain Time)
- GMT-06:00(Central Time)
- GMT-05:00(Eastern Time)
- GMT-04:30(Caracas)
- GMT-04:00(Atlantic Time)
- GMT-03:30(Newfoundland)
- GMT-03:00(Buenos Aires, Greenland)
- GMT-02:30(Newfoundland DST)
- GMT-02:00(Mid-Atlantic)
- GMT-01:00
- GMT+00:00(London,Lisbon)
- GMT+01:00(Rome,Paris,Madrid)
- GMT+02:00(Athens,Cairo)
- GMT+03:00(Moscow,Baghdad)
- GMT+03:30(Tehran)
- GMT+04:00(Abu Dhabi)

- GMT+04:30(Kabul)
- GMT+05:00(Islamabad,Karachi)
- GMT+05:30(New Delhi)
- GMT+05:45(Kathmandu)
- GMT+06:00
- GMT+06:30(Yangon)
- GMT+07:00(Bangkok,Jakarta)
- GMT+08:00(Beijing,HK,Singapore)
- GMT+09:00(Tokyo,Seoul)
- GMT+09:30(Adelaide)
- GMT+10:00(Sydney,Guam)
- GMT+11:00(Solomon Is.)
- GMT+12:00(Fiji,Auckland)

DaylightSavingTime

Sets how Daylight Saving Time (DST) is configured.

Automatic (default)-Uses the setting associated with the country.

Disabled-DST is not required.

1:00-Enables DST.

DSTStartMonth

Sets the month to start daylight saving time.

- January
- February
- March (default)
- April
- May
- June
- July
- August
- September
- October
- November
- December

DSTStartDayOfMonth

Sets the exact day of the month to start daylight saving time.

1 to 31

8 (default)

DSTStartTime

Set the hour of the day to start daylight saving time.

2 (default)

0 to 23

DSTStartDayOfWeek

Sets the day of the week to start daylight saving time.

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday (default)

DSTStartDayOfWeekLastInMonth

Sets the day of the month to start daylight saving time.

First in month

Last in month

Second first in month (default)

Second last in month

Third in month

DSTStopMonth

Sets the month to stop daylight saving time.

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November (Default)
- December

DSTStopDayOfMonth

Sets the exact day of the month to stop daylight saving time.

1 (default)

1 to 31

DSTStopTime

Sets the hour of the day to stop daylight saving time.

2 (default)

0 to 23

DSTStopDayOfWeek

Sets the day of the week to start daylight saving time.

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday (Default)

DSTStopDayOfWeekLastInMonth

Sets the day of the month to start daylight saving time.

First in month (default)

Last in month

Second first in month

Second last in month

Third in month

X_DHCPC.parameters

Option120

Enables or disables DHCP option 120 for a SIP server (RFC 3361).

True

False (default)

VoiceService.n.X_IEEE1588. (Rove B4 only) parameters

IEEE1588Enable

Enables or disables IEEE1588 LAN synchronization.

True

False (default)

VoiceService.n.X_IEEE1588.Zone. (Rove B4 only) parameters

MulticastIpAddress

Sets the IP address of the multicast group. The IP address must start with 224.0.xx.xx , and this can't change. To be compliant with IEEE1588, don't change this parameter's default value. Before setting up your system, make sure no other devices are using the given IP.

224.0.1.129 (default)

NOTE: Only change the value if another IEEE1588-compliant equipment is on the network using this specific IP address.

MulticastPort

Defines the port in which the system uses to communicate on for IEEE1588 compliance. To be compliant with IEEE1588, don't change this parameter's default value.

NOTE: Only change the value if another IEEE1588-compliant equipment is on the network using this specific port.

319 (default)

DomainNumber

Sets the domain number used to set which domain this specific base station belongs to.

0 to 127

0 (default)

AltDomainNumber

Sets the alternative domain, which is only used when the primary sync source from the main domain fails. If so, the base station will sync with the alternative domain.

0 to 127

NOTE: Don't set this parameter's value to the same value as the `DomainNumber` parameter.

MultiCellDebug

Enables or disables low-level multicell debug information or traces.

None (default)

Data Sync-Includes header information for all packets received and sent to be used to debug any special issues. Generates LOTS of syslog signaling. Only enable for short period of time while debugging.

Auto Tree-Includes state and data related information to the Auto Tree Configuration feature.

Both-Enables Data Sync and Auto Tree.

IEEE1588 Debug-Includes IEEE1588 debug information.

8 Service provider parameters

The Voice Services parameters configure the registered services for your system.

You can configure settings for each of the ITSP profiles, which represent profiles for each of the service providers. Voice service profiles represent the profiles that bind your system to the service providers.

Common service provider parameters

Use the following parameters to configure system-wide settings for your service providers.

VoiceService.1.VoiceProfile.DialPlan. parameters

n = 1

AutoPrefix

Sets to automatically add a dial prefix for outgoing calls.

Disabled (default)

Enabled

Enable and fall-through on * and #

MaxDigitsInternal

Sets the maximum number of digits for internal calls.

0 (default)

DialPrefix

Sets the prefix for outgoing calls when `AutoPrefix` is enabled.

None (default)

VoiceService.1.VoiceProfile.STUN. parameters

STUNEnable

Enables the system to send a STUN binding request for its RTP port before every call.

False (default)

True

STUNServer

Specifies the IP address or domain name of the STUN server to use.

None (default)

X_STUNServerPort

Specifies the destination port that connects to the STUN server.

3478 (default)

X_STUNBindTimeGuard

Identifies the lifetime of the STUN binding and specifies in seconds how often the system will guard the NAT bindings. Guard for NAT bindings helps the system to react properly if the NAT device is reset. If set to zero, no guarding happens.

0 to 65535.

80 (default)

X_STUNBindTimeAuto

Forces the system to automatically determine the duration of NAT bindings if `X_STUNBindTimeGuard` is not zero. If enabled, `X_STUNBindTimeGuard` becomes the initial test duration.

False

True (default)

X_STUNKeepAliveTime

Specifies in seconds how often keep-alive messages are sent in order to keep NAT bindings. This parameter is ignored if `X_STUNBindTimeAuto` is set to True, in which case keep-alive messages are sent with a frequency of half of the automatically determined bind time.

90 (default)

0 to 65535.

VoiceService.1.VoiceProfile.SIP. parameters

X_RebootOnResync

Indicates if the base station always reboots when a new configuration is loaded.

True

False (default)

X_UseDifferentSipPorts

Allows SIP accounts to use different SIP signaling ports specified by **ProxyServerPort**. Set to True for single cell DECT systems.

True (default)—specifies the source port used for the first user agent (UA) instance. Succeeding UAs get successive ports.

False—specifies the source port used for SIP signaling in the system.

X_AcceptResync

Accept SIP Notify sync/resync/check-sync requests yes without authentication (default)

No

X_UseRport

Enable insertion of "rport" parameter in SIP requests True (default) False

True (default)

False

X_CommonSipPort

Sets the SIP port to use across all accounts when **UseDifferentSipPorts** is set to False.

5060 (default)

DSCPMark

Sets the Diffserv code for outgoing SIP packets.

0 to 63

26 (default)

TcpKeepAliveInterval

Identifies the length of time, in seconds, that the client waits before it sends a keep-alive message on a TCP connection.

120 (default)

0 to 65535

X_SipDebugOption

Enables or disables sending SIP signaling debug information to the syslog server (if one is configured on your system).

Disable (default)—Doesn't send SIP signaling debug information)

Log All Messages—Logs all messages)

X_UserAgentName

If a value is specified, the system includes a User-Agent header in all SIP requests, or a server header in all SIP responses that contain exactly the given value.

Default:

Poly/\${DM}-\${FWV} (\${MAC})

TimerB

Value of SIP timer B in milliseconds

32000 (default)

TimerF

Value of SIP timer F in milliseconds

32000 (default)

X_CheckFallbackInterval

Interval in seconds between checking if a higher priority proxy server is back in service and should be used as the primary proxy server.

60 (default)

VoiceService.1.VoiceProfile.RTP. parameters

LocalPortMin

Sets the base port range for tx/rx RTP for this service provider.

16600 (default)

LocalPortRange

Indicates the number of ports to use for RTP audio streaming.

254 (default)

DSCPMark

Sets the Diffserv code for outgoing RTP packets with for this service provider.

46 (default)

0 to 63

VoiceService.1.VoiceProfile.JIB. parameters

MaximumDepth

Sets the maximum jitter buffer depth in packets.

7 (default)

MinimumDepth

Sets the minimum jitter buffer depth in packets.

2 (default)

VoiceService.1.VoiceProfile.XSI. parameters

X_XsiServer

Sets the host name or IP address of the XSI Application Server.

None (default)

X_XsiServerPort

Sets the port in which the XSI Application Server is listening.

None (default)

General ITSP Parameters

Use the following parameters to configure general settings and service provider information for each ITSP profile

X_DeviceManagement.XmlApp. XML App parameters

X_XmlAppEnable

Enable XML Application

False (default)

X_XmlAppServer

Host name or IP address of the XML application server. Include http:// or https:// for the protocol.

Null (default)

X_XmlAppFileName

Name of the XML application file

Null (default)

X_XmlAppIconIdx

The icon to be shown along side the handset XML app menu entry.

0 (default)

0-7

X_XmlAppAddHsIdx

Add handset index "IDX=" to the XML app HTTP request

False (default)

X_XmlAppAddIPEI

Add handset IPEI "IPEI=" to the XML app HTTP request.

False (default)

X_XmlAppAddExt

Add handset extension "EXT=" to the XML app HTTP request.

False (default)

X_XmlAppAddMAC

Add MAC of the base the handset is connect to "MAC=" to the XML app HTTP request.

False (default)

X_XmlAppAddPMAC

Add MAC of the DECT primary (if chained) "PMAC=" to the XML app HTTP request.

False (default)

X_XmlAppAddDLMAC

Add MAC of the provisioning primary (if chained) "DLMAC=" to the XML app HTTP request.

False (default)

VoiceService.1.VoiceProfile.n. parameters

n = 1 through 10

Name

Sets a human-readable string to identify the service provider. Maximum length is 64 characters.

None (default)

DTMFMethod

Sets the method to pass DTMF digits to peer system and controls how DTMF.

RFC2833 (default)—DTMF tone events are sent out-of-band from the audio RTP stream following the RFC 2833 standard.

SIPInfo—DTMF tones are signaled using `SIP INFO` packets.

SIPInfo+RFC2833—DTMF tones are transmitted using RFC 2833 out-of-band and `SIP INFO` packets.

Inband -- DTMF tones are transmitted inband in the audio RTP stream.

InbandDTMFVolume

DTMF tone volume (in dB) when sending inband DTMF

-15 (default)

-12 to 0

InbandToneDuration

Duration of in-band DTMF tones in units of 10ms.

8 (default)

0 - 255

InbandPauseDuration

Minimum pause in between in-band DTMF tones, in units of 10 ms.

8 (default)

0 - 255

VoiceService.1.VoiceProfile.n.ServiceProviderInfo. parameters

n=1 through 10

Name

Sets a human-readable string for identifying this ITSP Profile. Maximum length is 127 characters.

None (default)

URL

Specifies the website of this service provider. Maximum length is 127 characters.

None (default)

ContactPhoneNumber

Specifies the phone number to contact this service provider. Maximum length is 31 characters.

None (default)

EmailAddress

Specifies the email address to contact this service provider. Maximum length is 127 characters.

None (default)

SIP Parameters

Use the following parameters to configure SIP settings for each ITSP profile.

In the parameter names, X represents the specific ISTP profile, A through H.

VoiceService.1.VoiceProfile.n.SIP. proxy server parameters

n=1 through 10

ProxyServer

Specifies the host name or IP address of the SIP proxy server.

None (default)

ProxyServerPort

Sets the destination port used to connect to the SIP server. If blank, 5060 is used if **ProxyServer** is an IP address. If **ProxyServer** is a host name, DNS SRV is used to obtain the server IP and port. If that fails, DNS A lookup is used for the server IP, and 5060 is used for TCP/UDP and 5061 for TLS. If **ProxyServerTransport** is Auto, NAPTR is used to provide the server IP, port, and transport protocol.

None (default)

ProxyServerTransport

Sets the transport protocol to connect to the SIP server.

- Sets the transport protocol to connect to the SIP server.
- TCP
- TLS
- Auto

If set to Auto, NAPTR is enabled.

X_SignalTCPPort

Enables the signaling of the source TCP port in SIP messages when using TCP or TLS.

True (default)

False

X_OneTCPConnPerExt

If enabled, each extension under this profile has its own TCP/TLS connection. Otherwise, all extensions under this profile share the same TCP/TLS connection.

False

True (default)

X_ServerAlias

Specifies an alias for the SIP server.

None (default)

OutboundProxy

Sets the host name or IP address of the outbound proxy. Outbound proxying is disabled if this parameter is blank.

None (default)

OutboundProxyPort

Sets the destination port to be used in connecting to the outbound proxy.

None (default)

X_OutboundProxyMode

Controls how the outbound Proxy is used (if configured).

All SIP requests (default)

Initial SIP requests only

X_BackupProxyServer

Host name of IP address of the backup proxy

None (default)

X_BackupProxyServerPort

Destination port to be used in connecting to the backup proxy

None (default)

VoiceService.1.VoiceProfile.n.SIP. registration parameters

n=1 through 10

RegistrationPeriod

Sets the nominal interval between device register in seconds. Indicates the time in seconds for a valid SIP registration and represents the maximum time between SIP registrations for the SIP account.

3600 (default)

NOTE: Don't set this parameter below 60 seconds.

RegisterRetryInterval

Identifies the time in seconds to wait before the handset retires the registration after a failed registration.

30 (default)

RegisterRetryIntervalLong

Sets the register retry interval in seconds if the response code does not match.

X_RegisterRetryRSCFilter. Identifies the time in seconds to wait before the handset retires registration after a failed registration.

If the field is set to 0, the handset doesn't retry the registration.

120 (default)

NOTE: Set this field to a higher interval than the value in `RegistrationRetryInterval` .

X_RegisterRetryRSCFilter

Sets the

REGISTER

failure codes in a comma-separated list with up to 4 items in which the device should retry. Identifies the Response SIP Code (RSC) that triggers a retry. You can also enter "?" as a wild card. For example, enter 5??, 6??.

None (default)

VoiceService.1.VoiceProfile.n.SIP. subscribe parameters

X_ReSubscribeTime

Specifies the maximum proposed time between SIP re-SUBSCRIPTION in seconds.

3600 (default)

0 to 65535

VoiceService.1.VoiceProfile.n.SIP. SRTP parameters

SRTP also known as Secure Real - Time Transport Protocol, is an extension profile of RTP (Real-Time Transport Protocol) which adds further security features, such as message authentication, confidentiality and replay protection.

X_SRTP

Enables or disables SRTP.

Disable SRTP (default)

Use SRTP Only

Use SRTP When Possible

X_SRTPAuth

Enables SRTP Authentication (Integrity Check). Indicates if secure RTP uses authentication of RTP packets. When enabled, a Rove B2 base station can support a maximum of 10 concurrent narrowband calls and a Rove B4 can support a maximum of 8 concurrent narrowband calls.

True (default)

False

X_SRTPCryptoSuite

Indicates the list of supported SRTP Crypto Suites. Each device starts with two suites

(AES_CM_128_HMAC_SHA1_32, AES_CM_128_HMAC_SHA1_80). You can change the order of the suites. If you change the list in any way, you must reboot the system.

AES_CM_128_HMAC_SHA1_32, AES_CM_128_HMAC_SHA1_80 (default)

AES_CM_128_HMAC_SHA1_80, AES_CM_128_HMAC_SHA1_32

AES_CM_128_HMAC_SHA1_32 only

AES_CM_128_HMAC_SHA1_80 only

X_UsePtimeInSDP

Sets whether to include `ptime` and `maxptime` in outgoing SDP.

VoiceService.1.VoiceProfile.n.SIP. session parameters

n=1 through 10

X_SessionTimer

Enables standard session refresh protocol based on RFC 4028. Indicates the keep alive mechanism for calls. This specifies the maximum time between session refresh signals. When the phone is on a call and it doesn't send a session refresh signal in the configured time, the call terminates.

If disabled, session timers aren't used.

False (default)

True

X_SessionExpires

Sets the session expires before value. If session refresh is enabled, your system refreshes half-time before the session expires.

20 (default)

VoiceService.1.VoiceProfile.n.SIP. call control parameters

n=1 through 10

X_HoldRefereeAttended

Enables or disables holding the Referee before an attended transfer.

True (default)

False

X_EnableRFC2543CallHold

Sets the Call Hold behavior compatible with RFC 2543, if enabled. Otherwise, the system behaves according to RFC 3264.

True

False (default)

X_CallerIDPriority

Prioritizes the display of caller ID from multiple SIP headers.

- P-Asserted-Identity - From (default)

- From
- Alert-Info (cid=) - P-Asserted-Identity - From

UseExternalConferenceBridge

Sets whether you use an external conference bridge for conference calls.

True

False (default)

X_ConferenceBridge

Sets the number of an external conference bridge to use for conference calls.

cbridge (default)

X_MOHServiceNumber

Sets the number to call to get music-on-hold.

None (default)

X_BlindTransferEnable

Enables or disables the Blind Transfer feature.

False

True (default)

X_UserAgentName

Name to identify this device in a User-Agent header. If not set, the X_UserAgentName under "Common Settings" will be used.

None (default)

X_Support100rel

Enable support for 100rel (RFC3262)

True (default)

X_NoNatAdaptation

Do not adapt the content of the SIP messages to address information on the outside of the NAT. If checked, the local IP address of the unit will always be used in the SIP messages.

True (default)

X_KeepAliveEnable

Enables sending keep alive message.

False (default)

True

X_StrictLineSeize

Requires a successful line seize on a shared line for a phone call to proceed

False (default)

X_CodecReduction

Send an extra re-INVITE listing the negotiated codec as the only codec to the server.

True (default)

X_MediaSecEnable

Enable Media Security (partial RFC 3329 support)

alse (default)

X_MediaSecTLS

Enable Media Security over TLS

False (default)

VoiceService.1.VoiceProfile.n.SIP. call park and pickup parameters

n=1 through 10

X_CallParkMethod

Sets the method to use to park a call.

Feature Code (default)—The base station sends a SIP INVITE and prepends the feature code to the call park extension.

REFER—The base station sends a SIP REFER to park the call on the call park extension.

INFO/Zoom—The base station sends a Zoom-proprietary SIP INFO to park the call on the call park extension.

X_CallParkStatusMethod

Sets the method to use for call park monitor.

BroadWorks (default)—The base station uses `SIP SUBSCRIBE/NOTIFY`

to subscribe to call state and receive a BroadWorks call park status on park extensions.

Dialog/BLF—The base station uses `SIP SUBSCRIBE/NOTIFY` to subscribe to call state and receive an "early" or "confirmed" state for calls parked on park extensions.

Dialog/FreePBX—The base station uses `SIP SUBSCRIBE/NOTIFY` to subscribe to call state and receive a confirmed state for calls parked on a park extensions.

X_CallParkPickupMethod

Sets the method to use for parked call pickup.

Feature Code (default)—The base station sends a call and prepends the **CallPickup** feature code to the park extension, which a user can enter to retrieve the parked call.

INVITE+Replaces—The base station sends a call to the park extension and includes the `Replaces` header with the call-id and to/from-tags so the user can retrieve the parked call.

INVITE—The base station sends a call to the park extension where a user can retrieve the parked call.

X_DirectedCallPickupEnable

Enables or disables support for BroadWorks Directed Call Pickup.

True (default)

False

X_GroupCallPickupEnable

Enables or disables support for BroadWorks Group Call Pickup.

True (default)

False

X_ShareLineBargeIn

Enable if the shared line supports barge-in

True (default)

VoiceService.1.VoiceProfile.n.CPG.m. call park group parameters

n = 1 through 10, m = 1 through 4

VoiceService.1.VoiceProfile.1.CPG.n.CGP.m.call**GroupName**

Sets a name/alias for the Call Park Group.

None (default)

GroupExtensions

Lists Call Park Group extensions. You can list up to 10 comma-separated extensions.

None (default)

RTP settings

Use the following parameters to configure RTP settings for each ITSP profile.

In the parameter names, X represents the specific ISTP profile, A through H.

VoiceService.1.VoiceProfile.n.RTP.RTCP.

n= 1 through 10

Enable

Enables Poly Rove to signal the RTCP port using a=rtcp:<port> so that it can receive RTCP packets on for the call.

False (default)

True

NOTE: Poly Rove doesn't send RTCP packets during calls.

VoiceService.1.VoiceProfile.n.RTP.Codec

X_CodecList

Sets the comma-separated list of supported VOIP codecs, starting with the highest priority codec. You can list up to 5 codecs. The system ignores an entries beyond that.

Available codecs are G711U, G711A, G722, G726, G729, OPUS.

Default on Rove B2: G722,OPUS,G711U,G711A,G726

Default on Rove B4: G722,G711U,G711A,G726

NOTE: For Poly Rove B4, OPUS is not a part of the CodecList as a default option. To use OPUS on Rove B4, you need to use DSP, which draws extra power.

X_UseOwnCodecPriority

If enabled, uses the configured codec list to prioritize the codec when responding to SDP. Otherwise, defers to the incoming SDP.

False (default)

True

X_G729AB

Enables or disables G729 Annex B silence suppression.

False (default)

True

X_PacketizationPeriod

Indicates the preferred codec (G.711, G.729, G.726, etc.) packet size when packet size is negotiated. Packet size is in milliseconds, except for OPUS, which outgoing packets are fixed at 20ms.

- 10 ms
- 20 ms (default)
- 30 ms
- 40 ms
- 50 ms
- 60 ms
- 70 ms
- 80 ms

X_TelEventPayload

Sets the payload type for RFC 2833 telephony-event.

See <https://tools.ietf.org/html/rfc2833> for more information on standard tones and accepted values.

101 (default)

9 Voice Services Parameters

The Voice Service parameters allow you to configure settings for the service providers on your system.

Use the following parameters to configure the Voice Services. You can configure up to 20 voice services for Poly Rove B2 base stations and up to 1000 for Poly Rove B4 base stations.

VoiceService.1.VoiceProfile.1.Line.n.

n = 1 - 10 for Rove B1, 1 - 20 for Rove B2, and 1 - 1000 for Rove B4

Enable

Enables this line.

False (default)

True

X_DisplayNumber

Sets the display name or number to identify the subscriber and represent the service in SIP exchanges.

None (default)

X_BwCallParkExt

If configured, this will be used with the feature code in place of the user ID when performing BroadWorks call park/pickup. Limited to 8 characters/digits.

None (default)

X_PrefSipID

Lists the preferred outgoing SIP ID in a semicolon-separated list.

None (default)

X_ServProvProfile

Sets the Service Provider profile for this service.

- A (default)
- B
- C
- D
- E
- F
- G
- H
- I

- J

X_IncomingRingTimeOut

Sets the amount of time in seconds in which the handset will ring for incoming calls until it times out and sends the call to voicemail.

60 (default)

X_HandsetList

For Poly Rove B1 and B2 only. Sets the comma-separated list of handsets associated with this service.

All handsets on the list will ring when there is an incoming call to the voice service. If a handset is associated with multiple services, the user can select which service line to use for outgoing calls on the handset itself.

1 (default)

X_Handset

Poly Rove B4 only. Sets the wireless handset assigned to this voice service. You can only set one handset.

None (default)

VoiceService.1.VoiceProfile.1.Line.n.SIP.

n = 1 - 10 for Rove B1, 1 - 20 for Rove B2, and 1 - 1000 for Rove B4

AuthUserName

Sets the user ID to authenticate to a SIP UAS (User Agent Server) when an outbound SIP request sent by the base station is challenged by the UAS with a 401 or 407 response.

None (default)

AuthPassword

Sets the password (corresponding to **AuthUserName**) to authenticate to a SIP UAS (User Agent Server) when an outbound SIP request sent by the base station is challenged by the UAS with a 401 or 407 response.

None (default)

URI

Sets the way the AOR is formed by the base station in outbound SIP Requests. The AOR has the format: user@domain.

If the value of **URI** is empty, the base station gets the user portion of its AOR from the **AuthUserName** and the **ProxyServer**.

If **URI** isn't empty and doesn't contain @, it's used as the user portion of the AOR while the domain portion is formed the usual way.

If **URI** contains @, it's interpreted as a full AOR and the base station takes it as the AOR as-is.

Some examples:

ProxyServer = sip.myitsp.com, **AuthUserName** = 4089991123, **URI**=[empty], then **AOR** = 4089991123@sip.myitsp.com. Change **URI** to bobjdylan, then **AOR** = bobjdylan@sip.myitsp.com. Change **URI** to bobjdylan@superusers.myitsp.com, then **AOR** = bobjdylan@superusers.myitsp.com.

None (default)

NOTE: In all cases, the base station uses **AuthUserName** and **AuthUserPassword** to compute authorization if challenged by a 401 or 407 response.

X_XsiUserName

Sets the user name to authenticate a BroadSoft XSI application server. If not specified sip-userid@sip-proxy is used.

None (default)

X_XsiPassword

Sets the password to authenticate a BroadSoft XSI application server. If not specified, the SIP password is used.

None (default)

X_ShareLine

Enables or disables shared line. Enable if the service provider's line is a shared line.

True

False (default)

VoiceService.1.VoiceProfile.1.Line.n.CallingFeatures.

n = 1 - 10 for Rove B1, 1 - 20 for Rove B2, and 1 - 1000 for Rove B4

CallForwardUnconditionalEnable

Enables call forwarding of all calls unconditionally by the handset. If

`CallForwardUnconditionalNumber` is blank, this parameter is treated as if it has been set to False.

False (default)

True

NOTE: You can set this parameter from the handset using the Call Forward menu.

CallForwardUnconditionalNumber

Sets the directory number to forward all incoming calls on this service unconditionally. Maximum Length is 127 characters.

None (default)

NOTE: You can set this parameter from the handset using the Call Forward menu.

CallForwardOnBusyEnable

Enables call forwarding of all incoming calls when the handset is busy. If `CallForwardOnBusyNumber` is blank, this parameter is treated as if it has been set to False. The handset is considered busy if one of the following conditions holds if this service already reaches the limit of simultaneous calls as specified in `MaxSessions` or DND `Service` is enabled on this service if the call is routed to the handset where the handset is in a busy state (such as ringing, dialing, playing reorder, or already having 2 calls in progress).

False (default)

True

NOTE: You can set this parameter from the handset using the Call Forward menu.

CallForwardOnBusyNumber

Sets the directory number to forward all incoming calls on this service when the handset is busy.

Maximum Length is 127 characters.

None (default)

NOTE: You can set this parameter from the handset using the Call Forward menu.

CallForwardOnNoAnswerEnable

Enables call forwarding of all incoming calls when the call isn't answered after the period specified in `CallForwardOnNoAnswerRingCount`. If `CallForwardOnNoAnswerNumber` is blank, this parameter is treated as if it has been set to False.

False (default)

True

NOTE: You can set this parameter from the handset using the Call Forward menu.

CallForwardOnNoAnswerNumber

Sets the directory number to forward all incoming calls when the call isn't answered after the period specified in `CallForwardNoAnswerRingCount`.

NOTE: You can set this parameter from the handset using the Call Forward menu.

None (default)

X_MailboxID

Sets the mailbox ID used to subscribe to the Message Waiting Indicator (MWI).

None (default)

NOTE: If you don't set this parameter, the base station won't subscribe to MWI.

X_CheckVoiceMailNumber

Sets the number to call to check voicemail. This parameter corresponds to the handset's Messages option on the wireless handset.

None (default)

AnonymousCallBlockEnable

Enables blocking Anonymous Calls on this service. Anonymous calls are rejected with a SIP 486 (Busy) response and Call Forward On Busy service isn't applied.

True

False (default)

X_ASFeatureEventSubscribe

Enables subscription to the as-feature-event package.

True

False (default)

CallWaitingEnable

Enables or disables the call waiting service.

True (default)

False

10 Directory parameters

Use the following parameters to configure your directory service on Poly Rove.

X_DeviceManagement.Directory. parameters

DirectoryType

Sets the directory service to use.

Local (default)

LDAP Server

XSI Server

X_DeviceManagement.Directory.Xsi. parameters

EnableEnterprise

Enables the BroadWorks enterprise directory.

True (default)

False

EnterpriseDirName

Enterprise directory name

Enterprise (default)

EnableEnterpriseCommon

Enables a common enterprise directory.

False (default)

True

EnterpriseCommonDirName

Sets the name for the common enterprise directory name.

Enterprisecommon (default)

GroupDirName

Sets the name for the group directory.

Group (default)

EnableGroupCommon

Enables a common group directory.

False (default)

True

GroupCommonDirName

Sets the name for the common group directory.

Groupcommon (default)

EnablePersonal

Enables a personal directory.

False (default)

True

PersonalDirName

Sets the name for the personal directory.

Personal (default)

X_DeviceManagement.LDAPServer. parameters

Host

Sets the LDAP Uniform Resource Identifier(s) as an IP address or Fully-Qualified Domain Name (FQDN) of the LDAP server.

None (default)

Port

Determines the TCP server port that is open for LDAP connections.

None (default)

Password

Sets a case-sensitive password that identifies the user name that is used when the phone connects to the server. For Simple or SASL authentication.

None (default)

TLSecurity

Determines if the system uses TLS security to access the LDAP server.

False (default)–The system doesn't use TLS when it accesses the LDAP server.

True–The system uses TLS when it accesses the LDAP server.

X_DeviceManagement.Directory.LDAP.HSID. parameters

Name

Indicates whether the common name (cn) or surname (sn) with the given name is displayed in the LDAP search results.

cn (default)

sn+givenName

Work

Indicates the LDAP work number attribute mapped to the work number.

telephoneNumber (default)

Home

Indicates the LDAP home number attribute mapped to the home number.

homePhone (default)

Mobile

Indicates the LDAP attribute mapped to the mobile number.

mobile (default)

UseLDAPName

Enables the use of the LDAP user name instead of the SIP user name.

False (default)

X_DeviceManagement.LDAPSearch. parameters

BindDN

Sets the Distinguished Name (DN) for user authentication.

None (default)

SearchBase

Identifies the default search base criteria for the LDAP directory. Example: For ldap.example.com,

SearchBase might be set to DC=example, DC=com.

Other examples: CN=Users, DC=number, DC=loc

None (default)

Filter

Identifies the default search filter.

Example: if the field is set to `( | (givenName=%*) (sn=%*) )`, the system uses this filter when it requests entries from the LDAP server. The % is replaced with the content entered by the user during the search operation. So if a user enters "J" for the search criteria, the string sent to the server is

`( | (givenName=J*) (sn=J*) )`, and the server sends the matches for given names or surnames that start with the letter "J".

None (default)

VirtualList

Enables the use of a virtual list. If disabled, the base requests a maximum of 50 contacts. If enabled, only 25 contacts are loaded at a time.

True (default)

False

SortBy

Sets the sort entries by the selected attribute.

Common Name (default)

Given Name

Surname

TimeLimit

Time-out limit waiting for the server to respond.

5 (default)

X_DeviceManagement.Directory.Local. parameters

Server

Sets the server URL and file path where the directory file is located.

None (default)

FileName

Sets the name of the directory file on the server.

None (default)

ReloadInterval

Specifies how often the base station refreshes the phone book contents in seconds. The refresh doesn't happen when the field is set to 0. Specify a time that is frequent enough for the users but not so frequent that the base station is overloaded.

0 (default)

11 DECT wireless Parameters

The DECT Wireless parameters allow you to configure your DECT system's base and its paired handsets.

DECT base parameters

Use the following parameters to configure your system's DECT base, as well as view information about it.

VoiceService.1.X_DECT. parameters

BaseName

Specifies a name of up to 35 characters for the base station.

None (default)

AccessCode

Identifies the access code that you use to register a wireless handset to the base station.

Poly recommends that you change the code from the default to increase security.

0000 (default)

AutoConfigureSCA

Sets the base station to automatically configure shared call appearances (**SCAInfoMapping**) for registered handsets.

True (default)

False

AllowMultiPrimary

Allows multiple primary cells on Rove B4 base stations.

False (default)

True

AutoMultiPrimary

Automatically creates primary cells on Rove B4 base stations.

False (default)

True

AutoCfgSyncTree

Enables the system to automatically synchronize the multicell tree chain.

True (default)

False

NOTE: You must enable this parameter to allow a new primary base station in case the original primary base station goes off-line or loses power.

Rove20HideSilent

Disables Silent Mode for all registered Rove 30 wireless handsets.

False (default)

True

Rove30HideSilent

Disables Silent Mode for all registered Rove 30 wireless handsets.

False (default)

True

Rove40HideSilent

Disables Silent Mode for all registered Rove 40 wireless handsets.

False (default)

True

Rove20HideFwdBusy

Disables Call Forward Busy for all Rove 30 wireless handsets.

False (default)

True

Rove30HideFwdBusy

Disables Call Forward Busy for all Rove 30 wireless handsets.

False (default)

True

Rove40HideFwdBusy

Disables Call Forward Busy for all Rove 40 wireless handsets.

False (default)

True

Rove20HideFwdNoAns

Disables Call Forward No Answer for all Rove 30 wireless handsets.

False (default)

True

Rove30HideFwdNoAns

Disables Call Forward No Answer for all Rove 30 wireless handsets.

False (default)

True

Rove40HideFwdNoAns

Disables Call Forward No Answer for all Rove 40 wireless handsets.

False (default)

True

Rove20HideFwdUnconditional

Disables Call Forward Unconditional for all Rove 30 wireless handsets.

False (default)

True

Rove30HideFwdUnconditional

Disables Call Forward Unconditional for all Rove 30 wireless handsets.

False (default)

True

Rove40HideFwdUnconditional

Disables Call Forward Unconditional for all Rove 40 wireless handsets.

False (default)

True

Language

Sets the language for all registered wireless handsets. If choose an option other than `Handset Local` , it overrides the local handset language setting.

- Español
- English
- Handset Local (default)
- Deutsch
- Français
- Italiano
- Nederlands
- Português
- Dansk
- Svenska
- Türkçe
- Polski
- Norsk

- Русский
- Hrvatski
- Srpski
- Slovinsky
- Cesky
- Slovak

VoiceService.1.X_DECT_Base. (Rove B4 only) parameters

MaxSipRegPerBase

Sets the maximum number of SIP registrations on a Rove B4 base station before distributing the registrations to other base stations.

8 (default)

MultiRegPerAccount

Enables or disables SIP server support for multiple registrations per account on the Rove B4 base station. Used for roaming signaling.

False (default)

True

SystemCombination

Sets the Rove B4 base station to Rove R8 repeater combination for a multicell system.

50/3 (default)—allows for 50 base stations and up to 3 repeaters per base station in a multicell system.

127/1—allows for 127 base stations and only 1 repeater per base station in a multicell system.

254/0—allows for 254 base stations but 0 repeaters in a multicell system.

X_MultiCell_Unit. parameters

Enable

Enables this option to allow the base station to be set in dual-cell mode for Rove B2 or multicell mode for Rove B4.

False (default)

True

ChainID

This is an identifier (in string format e.g. 2275) that is unique for a specific dual-cell/multi-cell system. The Chain ID value MUST NOT be equal to a used SIP account.

None (default)

NOTE: The Chain ID is used as the SIP account for check sync. The default value is 512, which means you can't use the extension 512. - unless the chain ID is modified. When there is a multicell Rove B4 system up and running, you can modify the Chain ID using by provisioning only. There can be several dual-cell/multi-cell systems in a network. Up to 24 levels of base stations chains are permitted in a setup.

SyncTime

Specifies the period in seconds when base stations are in a specific dual cell or multicell system will synchronize to each other.

If no keep-alive packets are received within a period of 2, the base station will be indicated as lost in the dual cell or multicell configuration. The parameter is also used with the **AutoMultiPrimary** parameter.

- 60 (default)
- 30

- 90
- 120
- 150
- 180
- 210
- 240
- 270
- 300

DataSyncMethod

Select a data synchronization mode.

Multicast (default)—Make sure that Multicast/IGMP is enabled on your switch(es), else use Peer-to-peer mode. The multicast feature uses the port range 49200 - 49999, the IP range 224.1.0.0 - 225.1.0.0, and UDP.

Peer-to-peer—Uses an IP address to connect base stations. Define the IP address in the DataSyncIP parameter.

DataSyncIP

Sets the IP address of the base station that's handling the data synchronization when the parameter DataSyncMethod is set to Peer-to-peer.

None (default)

Debug

Indicates the level of dual cell or multicell debugging information stored in the log.

None (default)

Data Sync

Auto Tree

Both

VoiceService.1.X_ IEEE1588. LAN Sync parameters

IEEE1588Enable

Enable IEEE1588 LAN synchronization

False (default)

MulticastIpAddress

Zone Multicast IP Address

224.0.1.129 (default)

MulticastPort

Zone multicast port

319 (default)

DomainNumber

Zone multicast domain number

0 (default)

AltDomainNumber

Alternate zone multicast domain number

64 (default)

MultiCellDebug

Multicell debug options

None (default)

Data Sync, Auto Tree, Both, IEEE1588 debug

Handset parameters

Use the following parameters to configure the your system's handsets.

VoiceService.1.X_HS.n. parameters

n = 1 - 10 for Rove B1, 1 - 20 for Rove B2, and 1 - 1000 for Rove B4

PresetIPEI

Preregisters Handset N with the specified IPEI. The IPEI is located on the product box.

None (default)

LineKeyProfile

Sets the line key profile to use on the specified registered wireless handset.

- Profile 1 (default)
- Profile 2
- Profile 3
- Profile 4
- Profile 5
- Profile 6
- Profile 7
- Profile 8
- Profile 9
- Profile 10
- Profile 11
- Profile 12
- Profile 13
- Profile 14
- Profile 15
- Profile 16
- Profile 17
- Profile 18
- Profile 19
- Profile 20

HandsetURL

URL of config file specific to this handset

None (default)

SCAInfoMapping

Sets the comma-separated list of 8 service indices (starting from 1) that indicate the shared call appearance mapping. 0 means not configured.
0,0,0,0,0,0,0 (default)

NOTE: If `AutoConfigureSCA` is enabled, manual changes to this parameter will be overwritten when line settings associated with this handset change.

AlarmLine

Indicates which service provider service (starting from 1 and selectable to 20) to call the emergency contact defined under the parameter **AlarmNumber** when the alarm button is triggered. 0 means no alarm line is selected.

0 (default)

AlarmNumber

Sets the emergency number in which `AlarmLine` will dial when alarm button is triggered.

None (default)

AlarmProfile

Sets the alarm profile in which the handset is subscribed to.

Disabled (default)

- A
- B
- C
- D
- E
- F
- G
- H

Repeater Parameters

Use the following parameters to configure the your system's repeaters.

12 Alarm parameters

Use the following parameters to configure alarm profiles and alarm features for the Poly Rove 40 wireless handset.

VoiceService.n.X_Alarm.n. parameters

n=1 - 8

Alias

Sets an alias or name for the alarm profile.

None (default)

AlarmType

Enables or disables the alarm key feature. When enabled, the user can press the Alarm button on the Rove 40 handset to sound an alarm or call an emergency service.

Alarm Button

Disable (default)

AlarmStopAllowed

Enables or disables the ability for users to stop or cancel the alarm from the handset.

False

True (default)

TriggerDelay

Sets the period from when the user triggers the alarm and the handset shows a pre-alarm warning. If set to 0, there is no pre-alarm warning, and the alarm is signaled immediately.

0 (default)

1

PreAlarmStopAllowed

Enables or disables the possibility to stop/cancel the pre-alarm from the handset.

True (default)

False

PreAlarmDelay

The period from the pre-alarm warning is shown until the actual alarm is signaled. The maximum value is 255.

0 (default)

Howling

Sets the handset to play a loud alarm tone when a user presses the alarm button.

False (default)

True

13 Line key parameters

You can configure feature for the physical line keys on Poly Rove wireless handsets.

VoiceService.n1.X_LKP.n2.KEY.n3. parameters

n1 = 1; n2 = 1 - 20; n3 = 1 - 4

FunctionType

Sets the function for the line key on the wireless handset.

Not Used (default)

Call Park Monitor

Speed Dial

Shortcut

Call Appearance

ServProvProfile

Sets the Service Provider Profile (ITSP Profile) associated with the selected line key function for the line key profile.

- A (default)
- B
- C
- D
- E
- F
- G
- H
- I
- J

Number

Sets the number, extension, or user ID associated with the selected function.

For example, if you set Call Park Monitor, enter the number that will be the call park lot number in which the user can park their call.

None (default)

Service

Index (starting from 1) of the line registration, that the handset is subscribed to, to use for speed dial or call appearance.

For example, if the handset is mapped to SP1, SP3, and SP5, and Server = 2, then the handset will use SP3 to place a call to the speed dial or select that call appearance.

0 (default)

Label

Sets a label for the line key.

None (default)

14 Device management parameters

Use the following parameters to configure administrative settings on your system.

X_DeviceManagement.WebServer.

Port

Sets the web server port number.

80 (default)

443 (for HTTPS)

PasswordMinimumLength

Sets the minimum length of admin and user passwords.

0 (default)

NOTE: Set this to a positive integer.

AdminPassword

Sets the case-sensitive administrator password.

admin (default)

NOTE: If the default password is set, a warning message displays in the top-right corner of the web page.

UserPassword

Sets the case-sensitive user password.

user (default)

NOTE: If the default password is set, a warning message displays in the top-right corner of the web page.

ExpirationPeriod

Session expiration period in minutes. 0 means no expiration.

0 (default)

CheckWebCookie

Check cookie against the Set-Cookie for the web login session

False (default)

CheckHttpPostToken

Check POST token against session token assigned to the configuration web pages

False (default)

CheckHttpOriginHeader

Check the Origin header in HTTP POST against the expected origin of the device web pages.

False (default)

X_DeviceManagement.Syslog. parameters

Server

Sets the IP address of the Syslog server where your system sends syslog debug messages to. If the value is blank, syslog is disabled.

None (default)

Port

Sets the syslog server port number.

514 (default)

Level

Sets the syslog message level.

7 (default)

- 0
- 1
- 2
- 3
- 4
- 5
- 6

TAG

Sets the string of text, which is no longer than 32 characters, to prepend to every syslog message sent by this unit.

None (default)

X_DeviceManagement.Syslog. level parameters

LevelPLT

Sets the log level for the platform.

Normal Operation (default)

Debug

System Analyze

Off

LevelParam

Sets the log level for parameters.

Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error
- Major Error
- Fatal Error

LevelNvs

Sets the log level NVS details.

Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error
- Major Error
- Fatal Error

LevelPltSrv

Sets the log level for platform services.

Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error
- Major Error
- Fatal Error

LevelVCfg

Sets the log level for voice configuration.

Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error
- Major Error
- Fatal Error

LevelHttpd

Sets the log level for HTTP server.

Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error

- Major Error
- Fatal Error

LevelProv

Sets the log level for provisioning server.
Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error
- Major Error
- Fatal Error

LevelXML

Sets the log level for XML parsing.
Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error
- Major Error
- Fatal Error

LevelPNN

Sets the log level for PDMS-SP.
Event 3 (default)

- Debug
- Event 1
- Event 2
- Minor Error
- Major Error
- Fatal Error

LevelDNSC

Log Level for OBi DNS Client

Event 3 (default)

Debug

Event 1

Event 2

Minor Error

Major Error

Fatal Error

X_DeviceManagement.Syslog. report parameters

RFC5424

Uses RFC 5424 as the recommended format for the syslog protocol.

True (default)

False

ReportingEnable

Sets the buffer syslog locally and uploads it periodically to a server according to `ReportingInterval` and `ReportingURL`.

False (default)

True

ReportingInterval

Sets the periodic buffered syslog upload interval in seconds.

30 to 120

60 (default)

ReportingURL

Sets the URL to upload locally buffered syslog.

None (default)

ReportingUpTime

Reports system Uptime on every message.

True

False (default)

ReportingUTCTimeStamp

Includes the UTC time stamp (TR69 ISO8601) in each message.

False

True (default)

X_DeviceManagement.HTTPClient. parameters

UserAgent

Sets the value of the User-Agent header in all HTTP Requests that are used in firmware upgrade and auto provisioning.

Default: `Poly/${DM}-${FWV} (${MAC})`

Timeout

Sets a time limit specified in number of seconds such that any file download (firmware or configuration file) by your system via HTTP must be completed within this limit. Otherwise, your system aborts and concludes that the operation has failed for the reason of "taking too long to complete."

600 (default)

ProxyServer

Sets the host name or IP address of the HTTP proxy server.

None (default)

ProxyServerPort

Sets the destination port to connect to the HTTP proxy server. Don't choose a port at random.

0 to 65535

80 (default)

ProxyAuthUsername

Sets the user name for proxy authentication.

None (default)

ProxyAuthPassword

Sets the password for proxy authentication.

None (default)

BypassProxyServerForLocalAddress

Enables `BypassProxyForSubnets` parameter.

False (default)

True

BypassProxyForSubnets

Lists intranet subnets, which bypass the proxy server.

Example: 10.10.10.0/24, 192.168.0.0/16

None (default)

X_DeviceManagement.EmergencyNumbers. parameters

N = 1 to 5

EmergencyNumberN

Specify the emergency numbers to dial

X_DeviceManagement.EmergencyNumbers. parameters

N = 1 to 5

EmergencyNumberN

Specify the emergency numbers to dial

X_DeviceManagement.PlatformCACert.n. parameters

n = 1 or 2

DownloadURL

Sets the URL to download certificate.

None (default)

MD5Checksum

Sets the MD5 checksum of the certificate file to be downloaded. Failure to provide this causes your system to try to download the same file on every reboot or restart.

None (default)

Obsolete

When set to

True

, the certificate is deleted from your system, and the certificate downloading process is ignored.

True

False (default)

X_DeviceManagement.CustomDeviceCert.n. parameters

n = 1 or 2

DownloadURL

Sets the URL to download certificate.

None (default)

MD5Checksum

Sets the MD5 checksum of the certificate file to be downloaded. Failure to provide this causes your system to try to download the same file on every reboot or restart.

None (default)

Obsolete

When set to

True

, the certificate is deleted from your system, and the certificate downloading process is ignored.

True

False (default)

X_DeviceManagement.TLSPlatform.n. parameters

n = 1 or 2

CACertList

Sets the CA Certificate List to use in a TLS profile.

Default (default)

- Default+P1
- Default+P2
- All
- Platform1
- Platform2
- Platform1+2

DeviceCert

Sets the Device Certificate List to use in a TLS profile.

Polycom (default)

Custom1

Custom2

VerifyServerDomain

Enables verification of the server domain against its certificate on a SSL/TLS connection.

False (default)

True

Protocol

The minimum TLS/SSL version to use for handshake renegotiation.

SSLv3 (default)

TLSv1.0, TLSv1.1, TLSv1.2

X_CipherSuite

Ciphers to support for all SSL/TLS connections. A comma separated list of up to 10 cipher IDs.

0x3d,0x3c,0x2f,0x35,0xc030,0xc02f (default)

X_DeviceManagement.Reset. parameters

ResetByButton

Allows you to use the Pair button on the base station to reset the base station.

True (default)

False

15 Status parameters

The Status Parameters web pages show read-only values for certain parameters on your system.

The System Status page displays the status of your system and the configured services. It also displays the system product information.

DeviceInfo.WAN. (WAN Status) parameters

AddressingType

Method currently used by the handset to get an IP address assignment.

Example value: DHCP

IPAddress

IP address currently assigned to the handset when using static IP addressing.

Example value: 192.168.15.165

SubnetMask

Subnet mask to use when using static IP addressing.

Example value: 255.255.255.0

DefaultGateway

Gateway to use when using static IP addressing.

Example value: 192.168.15.1

DNSServer1

URL for domain name server 1 when using static IP addressing.

Example value: 8.4.4.4

DNSServer2

URL for domain name server 2 when using static IP addressing.

Example value: 4.2.2.2

MACAddress

MAC address installed on the handset.

Example value: 9CADEF90004E

LLDP-MEDStatus

Enables LLDP media endpoint discovery for improved network connections.

Example value: Enabled

CDPStatus

CDP discovery status.

Example value: Discovering

802_1XStatus

802_1X authentication status.

Example value: Enabled

DeviceInfo. (Product Information) parameters

ModelName

Your system's model name.

Example value: Rove B4

MACAddress

Your system's MAC address.

Example value: 9CADEF90004E

SerialNumber

Your system's serial number.

Example value: 88H01NA00ZXV

OBINumber

Your system's OBi number, a value that uniquely identifies your system to Poly and to other OBi systems.

Example value: 552 860 300

HardwareVersion

Your system's hardware version.

Example value: 1.0

SoftwareVersion

Your system's installed software version. This value changes with a firmware update or downgrade.

Example value: 8.0.0 (Build: 0001)

SystemTime

Shows the current time on the system.

Example value: 15:32:35 12/30/2019, Monday

UpTime

With last Reboot Reason in parentheses. See the following table.

Example value: 20 Days 5:04:13 (2)

System Status

MultiCellStatus

Indicates the multicell status of Poly Rove B4 base station.

Example value: Disabled.

DualCellStatus

Indicates the dual-cell status of Poly Rove B2 base station.

Example value: Disabled.

FWUpdateStatus

Indicates the firmware update status.

Example value: Same or unspecified version

CertificateStatus

Indicates if the system has a certificate installed on it.

Example value: Installed

CustomizationStatus

Indicates if this system is a customized unit.

Example value: Generic

VoiceService.1.VoiceProfile.1.Line.n.(SPn Service Status) parameters

Status

Registration status of this service. If there are problems with the registration or authentication, the SIP 4xx - 6xx error code and error message display here. This is useful information for troubleshooting issues with SIP-based services.

Example value: Registered (server=192.168.15.118)

Reboot reason codes

The reboot reason codes shown in the `UpTime` parameter are defined as follows.

Table 15-1 Table 1. Reboot Reason Codes(continued)

Reason Code	Description
0	Reboot on power cycle.
1	Operating system reboot.
2	Forward upgrade.
3	Reboot after new profile invoked.
4	Reboot after parameter value change or firmware has changed and invoked via system web interface.
5	Reboot after factory reset using your system hardware PIN.
6	New profile invoked AND profile URL changed.
7	Reboot from SIP Notify (Reserved).
8	Reboot from telephone port (IVR).
9	Reboot from webpage – no change in parameter values or firmware.
10	Reboot during OBiTALK signup.
12	Reboot after DHCP server offers IP, GW-IP, and/or netmask different from what your system is currently using.
13	Reboot on data networking link re-establishment.
18	Reboot on WAN IP address change.
19	Reboot on LAN IP address change.

16 Getting help

Poly is now a part of HP. The joining of Poly and HP paves the way for us to create the hybrid work experiences of the future. Information about Poly products has transitioned from the Poly Support site to the HP Support site.

The [Poly Documentation Library](#) is continuing to host the installation, configuration/administration, and user guides for Poly products in HTML and PDF format. In addition, the Poly Documentation Library provides Poly customers with information about the transition of Poly content from Poly Support to [HP Support](#).

The [HP Community](#) provides additional tips and solutions from other HP product users.

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HP Spain

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Cami de Can Graells 1-21 (Bldg BCN01)
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Document information

Review the following document information.

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Email us at documentation.feedback@hp.com with queries or suggestions related to this document.