



RELEASE NOTES

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RealPresence Resource Manager System



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What's New in Release 8.3.1

RealPresence Resource Manager 8.3.1 includes the features and functionality of previous releases and includes the following new features:

- [Improved Pooled Conferences](#)
- [Ability to Sort the Conference Template List](#)
- [Flexible Provisioning of IDs and Passwords](#)
- [Support for the Polycom Rack Server 220 \(R220\)](#)
- [Default System Password Changed](#)
- [TLSv1.2 Support for Active Directory Connections](#)
- [Java Version Changed to OpenJDK](#)
- [API Changes](#)

Improved Pooled Conferences

Pooled conferences now have more flexibility for both ISDN participants and H.323 participants. In addition, pooled conferences can now be encrypted. Some limitations apply.

- [Pooled Conferencing Enhancements](#)
- [ISDN and H.323 Participant Limitations for Pooled Conferences](#)

Pooled Conferencing Enhancements

- Dial-out ISDN participants are now allowed in pooled conferences. You can use an extension in the dialstring if necessary. ISDN participants are set as both audio-only and video participants.
- You can now include audio-only H.323 and ISDN participants as dial-out participants in a pooled conference.
- ISDN and H.323 participants for pooled conferences can use encryption.
- Guest participants for pooled conferences can now use extensions.
- You can extend the conference duration for an active pooled conference.

ISDN and H.323 Participant Limitations for Pooled Conferences

The following limitations apply when scheduling ISDN and H.323 participants in pooled conferences.

-
- You must use a modified dialing number when schedule an ISDN dialout participant. In the RealPresence Resource Manager, check the **Use Modified Dial Number** check box when scheduling an ISDN dialout participant.
 - When scheduling SIP dial-out participants, you cannot schedule the participant as audio-only, encrypted, or use an extension.
 - When monitoring a conference with ISDN participants, encrypted or audio-only H.323 participants, the participants will display as disconnected.

Ability to Sort the Conference Template List

You can sort the Conference Template list when scheduling a direct or pooled conference.

Flexible Provisioning of IDs and Passwords

The Network Config profile now allows you to disable dynamic provisioning for ID/passwords via a checkbox.

Support for the Polycom Rack Server 220 (R220)

The RealPresence Resource Manager system is now available in both the Polycom Rack Server 620 (R620) and the smaller Polycom Rack Server (R220). See [System Capabilities and Constraints](#) for details on the capabilities of either server.

Default System Password Changed

For versions 8.3.0 and above, the default password has been changed. The factory default username and password are: admin/Polycom12#\$.

If you are upgrading from a system previous to 8.3.0, the factory default username and password does not change when you upgrade and remains admin/admin.

TLSv1.2 Support for Active Directory Connections

The RealPresence Resource Manager system now supports TLSv1.2 for Microsoft Active Directory connections.

TLSv1.2 is not supported with FIPS is enabled.

Java Version Changed to OpenJDK

The RealPresence Resource Manager system no longer uses an Oracle version of Java within its system code. It now uses OpenJDK.

API Changes

The RealPresence Resource Manager system API has been updated with this release.

- The Get method of <https://<RPRM IP>:8443/api/rest/conferences> can retrieve the ongoing and scheduled conferences according to the user's permission. If the user has the Conference Operator permission, the user can see the ongoing and scheduled conferences created by any user. If the user has the Conference Operator (Restricted) permission, the user can only see the ongoing conferences that user has created.
- The Get method of <https://<RPRM IP>:8443/api/rest/reservations> is changed to allow for ISDN participants to be included in the retrieved conference since API v2.6.1.

The RealPresence Resource Manager system API Reference Guide is available in HTML from your RealPresence Resource Manager system server: on <https://<RPRM IP>:8443/api/rest/documentation/>

Release History

This following table shows the release history of the RealPresence Resource Manager system.

Release History

<i>Release</i>	<i>API Release</i>	<i>System</i>	<i>Release Date</i>	<i>Features</i>
8.3.1	2.6.1	CentOS 6.5 Postgres 9.3 OpenJDK 1.8.0.25	March 2015	<ul style="list-style-type: none">• Improved Pooled Conferences• Ability to Sort the Conference Template List• Flexible Provisioning of IDs and Passwords• Support for the Polycom Rack Server 220 (R220)• Default System Password Changed• TLSv1.2 Support for Active Directory Connections• Java Version Changed to OpenJDK• API Changes• Resolved some known issues.
8.3	2.4.3	CentOS 6.5 Postgres 9.3 Java 7u51	December 2014	<ul style="list-style-type: none">• Improved certificate settings• Audio phone provisioning with Cisco Unified Communications Manager• Upgrade CentOS operating system• Improved Active Directory Integration• Guest Book improvements• Improved synchronization with endpoints registered with the RealPresence DMA system• Default password changed.
8.2.1	2.4.2	CentOS 6.3 Postgres 9.2 Java 7u51	November 2014	<ul style="list-style-type: none">• Bug fixes and performance enhancements.
8.2.0	2.4.1	CentOS 6.3 Postgres 9.2 Java 7u51	July 2014	<ul style="list-style-type: none">• Deploying RealPresence Resource Manager, Virtual Edition with RealPresence Platform Director• Geographic Redundancy and Other Redundancy Enhancements• Endpoint Management Enhancements• Simplified Integration with the Polycom RealPresence DMA System• User Management Enhancements• Usability changes.• API documentation available on the RealPresence Resource Manager system server.• Resolved some known issues.

<i>Release</i>	<i>API Release</i>	<i>System</i>	<i>Release Date</i>	<i>Features</i>
8.1.1	2.2.0	CentOS 6.3 Postgres 9.2 Java 7u21	April 2014	Resolved some known issues.
8.1.0	2.2.0		December 2013	<ul style="list-style-type: none"> • Support for system log management with an external syslog server. • Ability to configure automatic system backups. • Improved SNMP. • More detailed status messages for redundancy failover. • Support for presence for RealPresence Desktop endpoints. • Support for the RealPresence Immersive Studio systems. • Increased flexibility to use Active Directory fields when you auto-generate dial strings. • Increased support for scheduled provisioning of Cisco endpoints. • Shorter conference passcodes are allowed.
8.0.1	2.0.1		October 2013	Resolved some known issues.
8.0	2.0.1		August 2013	<ul style="list-style-type: none"> • Rule-based dynamic provisioning. • Re-organization of menu system. • Direct import and linking to MCU conference profiles. • Support for SVC conferences. • Integration with a Polycom DMA supercluster. • Ability to auto-generate SIP URIs for dynamically-managed endpoints. • Increased security options. • Support for IPv6 networks. • Support for Polycom MGC systems. • Performance enhancements. • Better license reclamation for Polycom soft endpoints.
7.1.1			April 2013	<ul style="list-style-type: none"> • Associate billing codes with conferences. • Support for RealPresence Collaboration Server 800s.

<i>Release</i>	<i>API Release</i>	<i>System</i>	<i>Release Date</i>	<i>Features</i>
7.1			December 2012	<ul style="list-style-type: none"> • Support for RealPresence Group Series endpoints. • Dynamically-provisioned system and E.164 naming schemes for endpoints. • Access Control Lists for tighter dynamic-management. • Support for RealPresence Access Director systems.
7.0			August 2012	Initial Release. Runs on Linux-based operating system. Integration with Polycom DMA system. Full multi-tenancy support.

Products Tested with this Release

The RealPresence Resource Manager system is tested extensively with a wide range of products. The following list is not a complete inventory of compatible equipment. It indicates the products that have been tested for compatibility with this release.



Note: Supported products

You are encouraged to upgrade all your Polycom systems with the latest software before contacting Polycom support to ensure the issue has not already been addressed by vendor software updates.

Go to http://support.polycom.com/PolycomService/support/us/support/service_policies.html to find the current Polycom Supported Products matrix.

Products Tested with this Release

<i>Product</i>	<i>Tested Versions</i>
RealPresence Platform Virtual Edition Infrastructure	
Polycom RealPresence Platform Director (required for Virtual Edition)	1.7.1, 1.8.0, 1.8.1
Polycom Video Endpoints	
Polycom HDX systems	3.1.4, 3.1.5
Polycom RealPresence Group Series (300, 500, 550, and 700)	4.1.4, 4.2
CMA Desktop (Windows and Mac)	5.2.5
RealPresence Mobile	3.2.1

<i>Product</i>	<i>Tested Versions</i>
RealPresence Desktop (Windows and Mac)	3.2.1, 3.3
RealPresence Immersive Studio systems	4.1.4, 4.2
Polycom VVX 1500	5.1.1, 5.1.2
Polycom VSX 7000	9.0.6.2
Polycom Conference Phones	
Polycom SoundStation 5000/6000/7000/Duo	4.0.4 and higher
Polycom Network Devices	
RealPresence Collaboration Server 800s	8.4.1, 8.5
RealPresence Collaboration Server 1800	8.4.1, 8.5
Polycom RMX system (1500/2000/4000)	8.4.1, 8.5
Polycom MGC system	9.0.4
Polycom DMA 7000	6.2.1, 6.2
RealPresence Access Director	4.0, 4.1
Polycom VBP-ST	11.2.16, 11.2.17
Third Party Products	
Acme Packet Net-Net Enterprise Session Director	6.3
Cisco Unified Communications Manager	9.1.1
LifeSize 200 Series	4.7.22
Tandberg MXP Series (1700MXP)	F9.3.1 PAL
Cisco C20	6.2, 7.1
Tandberg T150	L6.1
Cisco EX90	6.2, 7.1
Cisco SX20	6.2, 7.1

System Capabilities and Constraints

The RealPresence Resource Manager system is available in either an Appliance Edition or a Virtual Edition.

Appliance Edition

The RealPresence Resource Manager, Appliance Edition, system can be installed on either a Polycom Rack Server 620 (R620) or a Polycom Rack Server 220 (R220).

The maximum capabilities of the system differ according to which server you are using.

Maximum Capabilities when installed on a Polycom Rack Server 620/220

Capability	Maximum For Polycom Rack Server 620	Maximum For Polycom Rack Server 220
Users	25000	2000
Groups	1000	50
Areas	No maximum	No maximum
Device	Limited to maximum number of device licenses (50000) Maximum number of managed audio devices is 8000.	Limited to maximum number of device licenses (500) Maximum number of managed audio devices is 100.
Global Address Book entries	Limited to maximum number of device licenses	Limited to maximum number of device licenses
Room entries	No limit, but if the system has more than 500 room entries, it could experience user interface performance issues.	No limit, but if the system has more than 500 room entries, it could experience user interface performance issues.
Site entries	500	100
Subnets	5000	1000
Site link	No maximum	100
Number of concurrent endpoint software upgrade	80	10
Number of licensed endpoints	50000 Maximum number of audio devices is 8000.	500 Maximum number of audio devices is 100

Capability	Maximum For Polycom Rack Server 620	Maximum For Polycom Rack Server 220
Number concurrent calls that can be monitored	No maximum	100
Number of directory entries	No maximum	No maximum
Number of registered DMA systems (or DMA superclusters)	1	1
Number of registered MCUs	No maximum	5
Maximum text message length that can be sent to a hard endpoint	100 characters	100 characters
Number of provisioning profiles	2000	100
Number of provisioning rules	2000	100
Maximum number of concurrent FTP connections	200	10
Maximum password age for local user when this feature is enabled.	180 days	180 days
Number of displayed users in the Users page.	500	500
Number of tiers in Address book	5	5
Number of Guest book entries	500	200
Number of User GUI login sessions per system and sessions per user.	50 with 10 sessions per user	10 with five sessions per user

Virtual Edition

This version of the RealPresence Resource Manager system is also available in an edition packaged for VM-based deployment.

Virtual Edition Host Server Hardware Profiles

The following table describes the minimum VM host deployment settings for an instance of the RealPresence Resource Manager system, Virtual Edition. It also shows the typical performance capacities of that deployment.

Minimum Deployment Settings

<i>Component</i>	<i>Minimum Deployment Settings</i>
CPU	4000 MHz Reservation
Memory	8GB Reservation 8GB Limit
Storage	80 GB
Performance	1200 provisioned endpoints 300 users

Because of differences in hardware and VM environments, the performance information is provided for guidance purposes and does not represent a guarantee of any kind by Polycom.

Features Not Supported with the Virtual Edition

RealPresence Resource Manager system redundancy settings are not available in the Virtual Edition.

The Polycom RealPresence Resource Manager system, Virtual Edition does not support two-server redundant configuration as with the Appliance Edition. Polycom recommends using your native virtual environment HA to protect against host-level failures. See your virtual environment documentation for more information. The RealPresence Resource Manager system, Virtual Edition, automatically reboots the virtual instance if an application-level failure is detected.

Installation and Upgrade Notes

Polycom delivers RealPresence Resource Manager system upgrades within major (for example, 8.x) and minor versions (for example, 8.x.x).

If you are running a version prior to 8.2, you must sequentially apply every upgrade version (both minor and major) until you get to the latest version.

Customers running 8.2 and above can directly upgrade to the next major version without worrying about the minor upgrades in between. For example, you can upgrade directly from 8.2 >8.3.

Polycom supports the following upgrade and migration paths for RealPresence Resource Manager system.

Upgrade and Migration Paths for Existing RealPresence Resource Manager installations

<i>Current Version</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Final Upgrade</i>
7.0	7.1.x	7.1 Pre-Upgrade Patch	Migrate System to 8.0	8.0.x	8.1.x	8.2	8.2.x	8.3.1
7.1.x	7.1 Pre-Upgrade Patch	Migrate System to 8.0	8.1.x		8.2	8.2.x	8.3	8.3.1
8.0.x	8.1.x	8.2					8.3	8.3.1
8.2.x							8.3	8.3.1
8.3								8.3.1

Upgrade and Migration Paths for Existing Polycom CMA Systems to Migrate to RealPresence Resource Manager

<i>Current Version</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Final Upgrade</i>
6.2	→ 6.2 Pre-Migration Patch	→	Migrate the system to RealPresence Resource Manager 8.0	→ See RealPresence Resource Manager table for additional upgrades.
6.0.x	→ 6.2	→	6.2 Pre-Migration Patch	→ Migrate the system to RealPresence Resource Manager 8.0 See RealPresence Resource Manager table for additional upgrades.

<i>Current Version</i>		<i>Intermediate Upgrade</i>		<i>Intermediate Upgrade</i>		<i>Intermediate Upgrade</i>		<i>Final Upgrade</i>
5.5 Patch 7	→	5.5 Pre-Migration Patch	→	Migrate the system to RealPresence Resource Manager 8.0				See RealPresence Resource Manager table for additional upgrades.
5.5 Patch 6	→	Upgrade to 5.5 Patch 7	→	Apply the 5.5 Pre-Migration Patch	→	Migrate the system to RealPresence Resource Manager 8.0		See RealPresence Resource Manager table for additional upgrades.
5.5 Patch 5	→	Upgrade to 5.5 Patch 7	→	Apply the 5.5 Pre-Migration Patch	→	Migrate the system to RealPresence Resource Manager 8.0		See RealPresence Resource Manager table for additional upgrades.

Monitoring RealPresence DMA-registered Endpoints after Upgrade

Previous to 8.3, RealPresence Resource Manager monitored endpoints registered to the DMA as non-dynamically managed endpoints. After you upgrade to 8.3, any existing endpoints from your RealPresence DMA system will continue to display in the monitoring screen as non-dynamically managed endpoints in the monitoring screen.

Any endpoints that register with the RealPresence DMA system after you upgrade to RealPresence Resource Manager 8.3 will be monitored as DMA-sync'd endpoints.

Security Settings in v8.3 and higher

The RealPresence Resource Manager system has simplified certificate (TLS settings) starting with version 8.3. Use this section to help you understand the differences when you upgrade to RealPresence Resource Manager system 8.3.

In versions previous to 8.3, TLS settings were called **Certificate Settings** and divided up into three categories. Certificate Settings are now called TLS Settings and have simpler configuration options.

The following section describes the old settings and how they are now represented in version 8.3.

For previous Server Settings, use the following table as guidance:

Previous Field	Description	Differences in Version 8.3
Cipher Mode	You can choose from the following cipher modes: Standard Ciphers Weak Ciphers Strong Ciphers (FIPS)	You can now enable Strong Ciphers without enable FIPS-140. However, when you enable FIPS-140 separately, Strong Ciphers is now automatically selected.
Allow self-signed certificate	You can choose to allow a self-signed certificate on the RealPresence Resource Manager system.	Self-signed certificate for the RealPresence Resource Manager server is always allowed in 8.3 and above. The ability to enable or disable this option was removed.
Require client to send certificate	This setting requires all clients (endpoints, peripherals, and users accessing the RealPresence Resource Manager system web interface over an encrypted protocol such as SSL or TLS) to send identity certificates in order to access the system.	This option is now called Validate Certificate Connection from Clients .

Migrating to RealPresence Resource Manager systems from v7.1.x to v8.0

You can download the RealPresence Resource Manager v7.1.x Pre-Upgrade patch from the RealPresence Resource Manager system support site:

http://support.polycom.com/PolycomService/support/us/support/network/management_scheduling/realpresence_resource_manager.html

After applying the RealPresence Resource Manager system 7.1.x Pre-Upgrade patch, please request the RealPresence Resource Manager system v8.0 DVD by clicking <http://response.polycom.com/05-DR-C-RPRM-System-v8.0Software-Aug2013> and submitting the order information to Polycom.

Migrating from a Polycom CMA System

Existing Polycom CMA system customers can migrate to RealPresence Resource Manager. Please see the support site for Polycom CMA System for detailed migration information.

Requirements for Certificate Signing Request

When you choose to use security certificates with your video infrastructure environment, you need to generate a CSR (Certificate Signing Request) for the Certificate Authority (CA) you are using.

When you create a certificate signing request (CSR) from RealPresence Resource Manager system, the system not only populates the CSR with the data that you enter in the **Certificate Information** dialog, but it also populates some of the CSR's subject alternative name (SAN) fields. This information is not visible in the **Certificate Information** dialog.

The RealPresence Resource Manager system generates a CSR containing all of the information shown in the following table for your configuration. You cannot edit or remove any of the fields, including those listed in the *Optional fields* column. If your CA cannot accept a CSR that includes all of this information, you must generate the CSR and certificate manually using at least the data in the *Required fields* column for your configuration. If you include the fields listed in the *Optional fields* column, users can access the system using an abbreviated name without authentication errors.

The RealPresence Resource Manager system only uses the DNS format for SAN values, even though some values are IP addresses.

Required and Optional CSR SAN Fields

<i>Configuration</i>	<i>Required fields</i>	<i>Optional fields</i>
Single-server system	<ul style="list-style-type: none"> • Common Name – Fully qualified domain name (FQDN) • SAN-DNS – FQDN • SAN-DNS – System IP address (Ipv4) • Country Name (two-letter code) • State or Province Name (full name) • Organizational Name(s) (one per line) • E-mail address • Key Size 	<ul style="list-style-type: none"> • SAN-DNS – Host short name • SAN-DNS – Ipv6 address, if used
Local Redundant System	<ul style="list-style-type: none"> • Common Name – Fully qualified domain name (FQDN) of Virtual IP Address • SAN-DNS – FQDN of Virtual IP address • Country Name (two-letter code) • State or Province Name (full name) • Organizational Name(s) (one per line) • E-mail address • Key Size 	<ul style="list-style-type: none"> • SAN-DNS – Virtual host short name

<i>Configuration</i>	<i>Required fields</i>	<i>Optional fields</i>
Geo-Redundant System	<p>Server 1:</p> <ul style="list-style-type: none"> • Common Name – Fully qualified domain name (FQDN) of server 1 IP • SAN-DNS – FQDN of Virtual IP • SAN-DNS – System IP address of server 1 • SAN-DNS – System IP address of server 2 • Country Name (two-letter code) • State or Province Name (full name) • Organizational Name(s) (one per line) • E-mail address • Key Size <p>Server 2:</p> <ul style="list-style-type: none"> • Common Name – Fully qualified domain name (FQDN) of server 2 IP • SAN-DNS – FQDN of Virtual IP • SAN-DNS – System IP address of server 1 • SAN-DNS – System IP address of server 2 • Country Name (two-letter code) • State or Province Name (full name) • Organizational Name(s) (one per line) • E-mail address • Key Size 	<ul style="list-style-type: none"> • SAN-DNS – Server 1 short name • SAN-DNS – Server 2 short name

Known Issues

The following table lists all known issues in 8.3.1

Known Issues

<i>Issue Number</i>	<i>Description</i>	<i>Workaround</i>
XMA-7465	The RealPresence Resource Manager system incorrectly allows you to leave the Mail server account should blank when you have checked 'Allow confirmation emails for scheduled conferences'.	Be sure you specify a mail server account if you check the 'Allow confirmation emails for scheduled conferences'.
XMA-7364	When a redundant system fails over, an existing ongoing conference cannot be automatically terminated by the RealPresence Resource Manager system.	When a conference terminates is determined by a setting on the Polycom Collaboration Server (RMX). To automatically terminate conferences, it depends on the RMX profile setting to terminate the conference, there are 2 options for conference termination, one is "After last participant quits", another is "When last participant remains".
XMA-7442	After the system fails over, it sometimes correctly displays an error message "failed to perform action".	Reboot the server.
XMA-7437	When you try to extend an anytime conference, RealPresence Resource Manager does not tell the user that an anytime conference cannot be extended.	There is no need to extend the duration of an anytime conference. Click Cancel when you see the error message.
XMA-7433	You are allowed to copy a terminated pooled conference. When you do this, the conference information is not correct.	If you need to copy a terminated pool conference, you will need to re-enter the participant information.
XMA-7416	You cannot schedule an ISDN participant using a multi-string dialstring.	You need to check the Use Modified Dial Number check box when scheduling an ISDN dialout participant.
XMA-7414	When scheduling a pooled conference, you cannot include SIP dial-out participants that are audio only or use encryption. DMA doesn't support SIP participants with these options so scheduling the pooled conference will fail.	None.
XMA-7412	Pooled conferences that include ISDN/audio-only/extension/encryption participants are not monitored correctly.	None.
XMA-7409	When you add a guest to a pooled conference, the name of the guest may display incorrectly and the guest icon is only updated after the guest connects to the conference.	None

<i>Issue Number</i>	<i>Description</i>	<i>Workaround</i>
XMA-7292	When you monitor an ad hoc conference that has only guest participants, the bit rate for some guests will display as zero.	None.
XMA-7281	In a conference with more than 20 participants that all use a dial-in password to join, the RealPresence Resource Manager will briefly display internal multipoint conferences incorrectly on the monitoring screen.	None.
XMA-7242	The RealPresence Resource Manager system web interface becomes very slow if there are more than 10000 ad hoc conferences and you add the Today's Ad Hoc Conferences pane to the Dashboard.	None.
XMA-7182	When monitoring more than 10000 phones, the web interface slows down and may not allow users to login.	None.
XMA-7060	The provisioning status of the RealPresence Group Series will display as failed if the NTP server mode of the provisioning profile is set as Auto but the RealPresence Group system is still provisioned successfully. This limitation only impacts the 4.2 version.	None.
XMA-7041	A DNS query to the alternate DNS server may take longer than the Resource Manager NTLM authentication expiration timer allows. This may cause the provisioning of an Active Directory user's endpoint to fail.	None.
XMA-6824	The system allows non-encrypted FTP connections.	None.

Resolved Issues

The following table lists the resolved issues in RealPresence Resource Manager 8.3.1.

Resolved Issues

<i>Issue Number</i>	<i>Found in Version</i>	<i>Description</i>
XMA-7348	8.0.0	After migrating from a CMA system, you cannot monitor ongoing conferences.
XMA-7322	8.2.0	RealPresence Resource Manager displays an incorrect number of licenses in use.
XMA-7269	8.2.0	Inactive server shows as offline in the dashboard but manual failovers still work correctly.
XMA-7201	8.2.0	Cannot rotate the /var/log/secure logfile.
XMA-7192	8.2.0	RealPresence Resource Manager system incorrectly notifies a problem with the syslog server connection.
XMA-7388	8.2.1	RealPresence Resource Manager cannot monitor more than 2000 offline non-dynamically managed endpoints.
XMA-7299	8.2.1	Cannot remove an endpoint from a scheduled pooled conference, even if it is not connected to the conference.
XMA-7191	8.2.1	The Moscow timezone is incorrect.
XMA-7360	8.3.0	The REST API reservation is returns an error or empty set.
XMA-7345	8.3.0	Cannot sort conference template list when you are scheduling a conference.
XMA-7341	8.3.0, 8.3.0 Hotfix #1	After removing a large number of endpoints from the system, the address book is not available.
XMA-7334	8.3.0	When you upgrade from 8.2 to 8.3, HDX systems lose their connections to the local directory.
XMA-7288	8.3.0	When you monitor an ad hoc conference that has only guest participants, the bit rate for some guests will display as zero.
XMA-7286	8.3.0	If an integrated DMA system fails over several times, and you disconnect and then re-integrate with the DMA, the pool orders will not display.
XMA-7235	8.3.0	Certificates generated from the RealPresence Resource Manager CSR request, incorrectly include the internal IP.

<i>Issue Number</i>	<i>Found in Version</i>	<i>Description</i>
XMA-7139	8.3.0	When monitoring an ad hoc conference that takes place on a VMR, sometimes the "conference ended" message displays if you manage the endpoints in the conference such as "mute audio" or "mute video".
XMA-7117	8.3.0	No logs can be recorded (including locally stored) if the syslog server is unreachable.
XMA-7019	8.3.0	The hardware version displays as blank when using a Polycom Rack Server 220.
XMA-6839	8.3.0	Vulnerable version of Java is used in RealPresence Resource Manager system 8.3
XMA-7331	8.3.0 Hotfix #1	After a RealPresence DMA fails over, you cannot log into the RealPresence Resource Manager until you disable the syslog service.
XMA-7454	8.3.1	The bitrate displayed for some Panasonic endpoints is inconsistent with what is also display in the RealPresence DMA system.
XMA-7295	8.3.1	On the list of ongoing conferences, filter for endpoint name is not working.

Get Help

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

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

For more information on solution with this Polycom partner, see the partner site at [Polycom Global Strategic Partner Solutions](#).

The Polycom Community

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