

Patch Release Notes



Polycom® RealPresence® Distributed Media Application™

Release label:	6.4.1_P1	(6.4.1_P1_Build_232148-full.bin)
Built on version:	Polycom DMA System v6.4.1	
Released file(s):	Upgrade file for 6.1.x, 6.2.x, 6.3.x and 6.4.1	

Issues Resolved

Patch 1 for DMA 6.4.1 (i.e. v6.4.1.1 or v6.4.1_P1) has been augmented with the following items:

Key	Summary
DMA-15980	DMA did not redirect calls to an available RMX when resources ran out on the first one, both in the same pool order.
DMA-16551	External endpoints not connecting to BMS RMX2000 going through 2 Cisco VCSs and DMA in direct mode.
DMA-16628	External SIP peer Inbound Authentication setting does not work with Lync integrated peers defined with an FQDN 'next hop' address
DMA-16630	After upgrade DMA to 6.3.2.2 from 6.1.2, CDR header "origEndpoint" does not show the E164, only the H323ID.
DMA-16665	Disabling TLS v1.0 on DMA and RPRM break integration
DMA-16720	DMA allows call from SIP Call Generator to go through while SIP Authentication is enabled.
DMA-16739	WebRTC/WebSuite Call fails when VMR's start with the same number as DMA prefix.
DMA-16742	CSS gateway cannot connect to realconnect calls on DMA 6.4 if an RMX profile is used
DMA-16790	Content Connect Server not populating during real connect call wants RCA
DMA-16796	Enhance the MCU call throttling algorithm to smooth the distribution of calls & add logging.
DMA-16841	DMA not deleting conference alias during automatic VMR cleanup script. OTD is unable to create new conferences receiving a 409
DMA-16855	Avoid memory issues by adding an option to close the socket immediately when a socket.write is hung when halting a call. Plus enhance Stat and logging data on Timer task queue depths.

Known Issues

Issues that have been identified since the previous DMA 6.4.1 released and not included in DMA 6.4.1.1 but will be fixed in a future release.

Key	Summary
DMA-16774	Multiple errors with participant state "redialing" (calls will drop)
DMA-16775	DMA is adding invalid entry to call history with no signaling diagram
DMA-16789	Under 'Licensing Server' on the DMA the 'Last successful connection' fields are blank although license count from PD is correct

DMA-16801	DMA 6.3.2.3 - After loading new certificates and rebooting system was unreachable until a hard reboot 2 days later
DMA-16823	Restoring backup after re-image in 6.4.x DMA does not restore the SSL certificate ending up with a self-signed cert.
DMA-16836	Failure to forward VEQ call due to Transport Protocol Mismatch.
DMA-16839	DMA dashboard shows Resource Manager connection failed
DMA-16845	DMA is sending a contact URI that does not include its own IP address in the 200 OK to the client. This leads to no ACK from the client.
DMA-16847	Installation of server certificate on DMA will fail if there are ~15 or more root CA certificates installed
DMA-16849	DMA Shared Number Dialing - Direct Dial will accept resolve true for any IP address.
DMA-16850	Exchange Server integration disabled
DMA-16852	DMA SNMP settings does not update FW config when changing transport protocol
DMA-16857	DMA does not display unique SNMP engine ID for each DMA node in VIP GUI.

Be Advised

DMA 6.4.1.1 contains an update to java which contains fixes for security vulnerabilities described in the [Oracle Java SE Critical Patch Update Advisory](#). As part of this update, DMA no longer supports MD5 as a secure hash algorithm as MD5 is generally no longer considered to be a secure hash algorithm and is now included in the `jdk.certpath.disabledAlgorithms` property by default. This means that MD5 will no longer be an acceptable algorithm used in certificates, as well as revocation information such as CRLs and signed OCSP Responses.

Prerequisites/Configuration Considerations

- Systems may have Polycom DMA v6.1.x, v6.2.x or v6.3.x installed
- When upgrading from DMA 6.1.x, 6.2.x, 6.3.x or 6.4.x to 6.4.1.1, the system will not preserve the call history information. To keep this data, backup the databases, upgrade the DMAs, and then restore the databases.

Supported Upgrade Paths

<i>Current Version</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Final Upgrade</i>	<i>New License Required?</i>
5.0.x, 5.1.x, 5.2.0	→ 5.2.1 ¹	→ 6.2.2.2 ²	→ 6.4.1.1 ³	Yes.
5.2.1, 5.2.2.x, 6.0.x	→ 6.2.2.2 ²		→ 6.4.1.1 ³	Yes.
6.1.x, 6.2.x			→ 6.4.1.1 ³	Yes.
6.3.x			→ 6.4.1.1 ³	Yes
6.4.1			→ 6.4.1.1 ³	No.

<i>Current Version</i>	<i>Intermediate Upgrade</i>	<i>Intermediate Upgrade</i>	<i>Final Upgrade</i>	<i>New License Required?</i>
1.	Use DMA-upgrade 5.2.1-bld8r112427.bin to upgrade to 5.2.1.			
2.	Use 6.2.2 P2 Build 202581-rppufconv.bin to upgrade to 6.2.2.2.			
3.	Use 6.4.1 P1 Build 232148-full.bin to make the final upgrade to version 6.4.1.1.			

Note: 6.2.2.2 was selected because it is the most recent GA release that will allow an upgrade from a pre-6.1.0 system.

Installation Notes

1. It is always recommended that configuration backups are taken before upgrades. Please follow the instructions in the OPERATIONS GUIDE for the Polycom® RealPresence® Distributed Media Application™ (DMA®) System which can be found on the Polycom Support site: [RealPresence DMA System v6.4.0 Operations Guide](http://support.polycom.com/global/documents/support/user/products/network/dma_opsg_v6_4.pdf)
http://support.polycom.com/global/documents/support/user/products/network/dma_opsg_v6_4.pdf
2. Hyper-V Users! Be Advised: Take a backup of the Hyper-V VM, then on a new VM perform a new install of DMA 6.4.1.1 followed by a restore from the original VM. Do not perform an upgrade using the .bin file.
3. For all other upgrades: Download the upgrade file for DMA v6.4.1_P1
4. Login to DMA and navigate to Maintenance > Software Upgrade
5. Select "Upload and Upgrade" and choose the upgrade file
6. DMA processes and applies patch