

Patch Release Notes



Polycom® RealPresence® Distributed Media Application™

Release label: 6.3.2_P2 (6.3.2_P2_Build_218673)
Built on version: Polycom DMA System v6.3.2
Released file(s): Upgrade file for 6.1.x, 6.2.x and 6.3.x

Issues Resolved

Patch 2 for DMA 6.3.2 (i.e. v6.3.2.2 or v6.3.2_P2) has been augmented with the following items:

DMA-14974	Given an external SIP peer defined in DMA is not using SIP authentication, a new option has been added to configure the peer such that DMA will not require inbound authentication from this peer, even if the SIP Signaling Setting has 'require authentication' marked.
DMA-15574	DMA has poor user experience when TLS cipher exchange with AD is very slow or hangs
DMA-15680	DMA to support bit rate setting at participant level (SIP)
DMA-15700	Ensuring DMA is compliant with ETSI H323 protocol validation. Documenting cases in which DMA deviates from specification due to endpoint compatibility issues.
DMA-15729	The DMA will remain integrated with the RPRM after a DMA failover occurs.
DMA-15909	DMA SIP SessionTimerManager.java Memory/Correctness Improvements via Threadsafe, Exceptionsafe, and Reentrant Atomic State. Highly recommended for DMA customers utilizing SIP Endpoints.
DMA-15917	DMA SIP SessionTimerManager.java Memory/Correctness Improvements via Threadsafe, Exceptionsafe, and Reentrant Atomic State. Highly recommended for DMA customers utilizing SIP Endpoints.
DMA-15918	Ensuring DMA is compliant with ETSI H323 protocol validation. Documenting cases in which DMA deviates from specification due to endpoint compatibility issues.
DMA-16033	Some non-ascii characters (e.g. Cyrillic) are no longer accepted by the DMA API.
DMA-16041	DMA dial rule times out before querying all IP addresses for Lync FE FQDN in the event one of the IPs behind the FQDN cannot be reached.
DMA-16051	After deleting old VMR templates, VMR's that have then been re-assigned to the default template are created incorrectly with 'Chairperson required' when neither original template, nor new default template has that setting checked. This issue has two major root causes, DMA ConferenceRoomTemplate vs. ConferenceRoom training and DMA Memory Copy vs. DMA Persistence synchronization. Training information is provided in Workaround. DMA Memory Copy vs. DMA Persistence synchronization was improved via Threadsafe, Exceptionsafe, and Reentrant Atomic State changes. This issue will be monitored to ensure customer issue has been addressed and allow for further investigation of other possible root causes for customer observed behavior.
DMA-16059	H.323 memory leak on abruptly disconnected calls caused degraded DMA service requiring a DMA reboot to clear. DMA H.323 CallInfo.java Latency/Jitter/Correctness Improvements via Threadsafe, Exceptionsafe, and Reentrant Atomic State.

	Highly recommended for DMA customers utilizing H.323 Endpoints.
DMA-16119	Need to increase OpenDJ replication window size to allow supercluster join across constrained networks.

Known Issues

A new issues was identified in DMA 6.3.2.2 that has not yet been fixed:

DMA-15995	DMA dashboard shows calls that do not reflect all actual calls
DMA-16168	VMR SIP Dial-out issue. If RPD's display name contains comma or semicolon "," or ";" there will be duplicated participant waiting for dial in. Does not affect Group Series or HDX
DMA-16173	DMA needs to alert user when TLS cipher exchange with AD is very slow or hangs
DMA-16184	A Help question-mark button needs to be added to better explain to the customer how this works. Lync conference IDs are queried in parallel using all external SIP peers selected in the "resolve to conference ID by Lync query" dial rule. For each external SIP peer, if its "next hop address" is specified as an FQDN which resolves to multiple IP addresses, those IP addresses represent individual Lync front end servers, which are queried sequentially, and each individual query is limited to the timeout value specified in the setting "Lync conference ID query timeout". If the conference ID has not been resolved after 4 sequential queries, the dial rule is terminated and the next dial rule in the dial plan is tried.

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 or 6.3.x to 6.3.1_P2, 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.x ¹	→ 6.2.2.2 ²	→ 6.3.2.2 ³	Yes.
5.2.x, 6.0.x	→ 6.2.2.2 ²		→ 6.3.2.2 ³	Yes.
6.1.x, 6.2.x			→ 6.3.2.2 ³	Yes.
6.3.x			→ 6.3.2.2 ³	Only for RealPresence Clariti customers.
1. Use DMA-upgrade 5.2.2.6-bld9r144761.bin to upgrade to 5.2.x. 2. Use 6.2.2 P2 Build 202581-rppufconv.bin to upgrade to 6.2.2.2. 3. Use 6.3.2 P2 Build 218673-full.bin to make the final upgrade to version 6.3.2.2.				

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. Download the upgrade file for DMA v6.3.2_P2
2. Login to DMA and navigate to Maintenance > Software Upgrade
3. Select "Upload and Upgrade" and choose the upgrade file
4. DMA processes and applies patch