



Software Management Solution (Client)

Service Pack Release Notes

Software Version 10.2.1.7

Doc. Rev. 1.0.0

redbend

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1 Software Management Solution Products

The Software Management Solution contains the following elements:

Product	Version	Build	Description
Software Management Server	10.2	10.2.0.6	Provides back-end management capabilities for managing firmware and software over-the-air.
Software Management Client	10.2.1	10.2.1.7	Provides the client business logic for handling device management requests sent by the Software Management Server.
Software Management Client - Light Edition	10.2.1	10.2.1.7	Provides the client business logic for handling device management requests sent by the Software Management Server.
OMA DM Protocol Engine	10.2	10.2.1.7	Provides a comprehensive toolset to build an OMA DM Client that works with any OMA DM Server.
Update Generator & Installer	10.0.2	10.0.2.6	Generates, installs, and updates software on mobile devices.

2 What is New in This Release

This version is a minor release of the Software Management Solution. This release introduces the following changes and bug fixes.

2.1 Software Management Client

The Software Management Client upgrade includes the following new features, changes, and improvements:

- Detailed session tracking:
 - Additional statuses reported throughout the Update flow
 - Ability to configure which statuses are sent (on a single status granularity)
- Retrieving and setting various parameters locally (using DIL to BL events), instead of OTA by Software Management Server. This includes the following parameters:
 - Software Management Client related parameters
 - New diagnostics parameters related to the Update flow
- Android 5.1 - support of Admin Permissions requests

3 Solved Issues

Unless noted, all solved issues were listed as open issues in the previous version of these release notes.

3.1 Software Management Client

This section lists issues and known limitations from previous versions of Software Management Client that were solved in version 10.2.

Table 3-1: Software Management Client Solved Issues

RB#	Description	Component
41780	The Software Management Client download progress bar fails to resume after terminating the Software Management Client apk during download.	Client (UI)
43492	The Software Management Client displays “another_session_in_progress” for a long time.	Client (UI)
43493	The Software Management Client screen overlaps with the background.	Client (UI)
43497	The download progress bar does not continuously update, when the screen is locked; the progress bar value does not equal the value in the lock screen.	Client (UI)

4 Open Issues and Known Limitations

4.1 Software Management Client

This section lists noteworthy issues and known limitations for the current version of the Software Management Client.

Table 4-1: Software Management Client Open Issues

RB#	Description	Component
51195	<p>If one installation of a multiple component installation fails AND the name of one installation file is identical to the beginning of the name of another installation file, the success/fail report can incorrectly report that all components passed (or failed).</p> <p>Example:</p> <p>File_1 = installabc</p> <p>File_2 = installabcdef</p> <p>File_3 = installabc*</p>	Client

RB#	Description	Component
N/A	Support for Android For Work (AFW) and Multi-User (supported as Part of Android L). Enabled in a configuration in which the Software Management functionality is available on primary users only.	Client
N/A	Update file limited to 750 MB in drop-in Android L deployments due to an Android issue related to the encryption service. Planned Android fix (date TBD): https://android.googlesource.com/platform/frameworks/base/+/-/fa86142	Client
36391	Update Delta APK fails on Encrypted Android L OS (Nexus 5, Nexus 9)	Client
11595	Only relevant to the Downloadable Client: When the user clicks on "Cancel Installation", a report is sent to the server with wrong error code installation failed (1405) instead of cancel/reject (1401).	Downloadable Client
6454	There is no automatic resume for the installation process. If the installation was interrupted, it will continue in the next session (user launched application / polling / server initiated).	Client
5438	The report sends to the server in case of airplane interrupt during download mode is 1412 (Undefined Error) instead 1501 (Alternate Download Server Unavailable).	Client
5067	Restart of server while downloading restarts the campaign.	Client
4584	During an installation process, if the battery is removed and returned to the device, the process does not continue automatically. The end-user must click the client icon to initialize the installation process.	Client
4392	If the delta file is corrupt, the Software Management Client returns a 409 error (undefined error). In this case, the Software Management Server shows an SMA problem.	Client

RB#	Description	Component
4031	Nodes that do not exist in the MO Tree will cause some of the client related functionality to malfunction. All predefined MO Tree nodes must not be deleted during Software Management Client integration.	Client
3075	If there was an interruption during download due to insufficient space, the error sent to the server indicates that the failure is with the installation and not with the download.	Client

5 Release History

The following table lists the Software Management Solution releases.

Table 6-1: Release History

Version	Release Date	Details
10.2	September 2015	General Availability

6 Submitting a Service Request

If you have a question or require further assistance, contact Redbend's customer support at support@redbend.com.