



Release Notes:

Helix Mobile Session Manager 13.1

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1. Version Information

Release: Helix Mobile Session Manager 13.1

Version: 13.1

Release Status: Evaluation

Files:

HelixMobileSessionManagerV13.1.tar.gz

Documentation:

HelixMobileSessionManagerGuide.pdf

2. Hardware/Software Requirements

2.1. *Supported Platforms:*

Supported Operating Systems for Helix Mobile Session Manager Plug-in

Linux Red Hat Enterprise Linux 4 (RHEL4)
Linux Red Hat Enterprise Linux 5 (RHEL5)
Sun Solaris 10 (Sparc processor)
Microsoft Windows 2003 Server

2.2. *Software Requirements*

Supported Media Delivery Servers

Helix Mobile Server 13.0

3. What's New

This Helix Mobile Session Manager Plug-in enables enterprise web applications to control access to streaming media content served by the Helix Mobile Server and enables integration of the Helix Mobile Server with OSS/BSS systems. Helix Mobile Session Manager Plug-in leverages external web services to control access to media by integrating with an enterprise's existing end-user authentication and authorization systems.

4. Fixes Supplied in this Release

This is a Beta release for Helix Mobile Session Manager Plug-in. The Allowance Module is a component of the Helix Mobile Server. There is no available list of confirmed defects from previous installations that can be attributed directly to this code base.

5. Known Issues

Below is a summary of known issues in functional and stability areas of the Helix Mobile Session Manager Plug-in v13.1 release:

5.1. *Helix Mobile Session Manager Plug-in*

5.1.1. **Delivery of SMIL clips is not supported in this release**

Currently all Allowance plug-ins do not support delivery of SMIL content.

5.1.2. **Under some situations, player count is not decremented**

If a client disconnects before the blocking SessionStart event completes, the Helix Server will not decrement the player count and leaks about 20k of memory. This is assumed not to happen often as it means the user pressed cancel immediately after pressing play or that the External Auth Server takes too long to respond and the user loses patience and cancels. Another scenario that might result in a leak of player count is any session for which the user did a channel switch from one stream to the other. In this case the player count will be unreliable. This impacts both RSS Stats and SNMP output.

5.1.3. **If a session ends after an RTSP DESCRIBE, only the SessionStop Event actions are invoked**

If a client makes an RTSP DESCRIBE request to Helix Server but does not follow-it up with a SETUP request, the Allowance Plug-in will generate a SessionStop event without a preceding SessionStart event.

5.1.4. **Digest Authentication for Helix Mobile Session Management is not supported**

Use Basic authentication instead.

5.1.5. Session manger error code 105 incorrectly mentions Reallowance when using external authentication server

The error message states "Reallowance server timed out." The correct message should be "ExtAuth server timed out."

5.1.6. Session manger startup error on unsupported functionality

error - "E: a valid TokenFileName must be specified" at plug-in load time.

5.1.7. INTERVALLOG log entries for Session Manager log a response code of 1 not 3

Upon playback of a clip with interval logging parameter, the Session Manager log will create an entry with IntervalLog value of 1, and not 3. The value is located between the URL and the IP address.