

Media Management and Analysis Platform

Software Version 12.1.0

Release Notes



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The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
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New in this Release

Media Management and Analysis Platform has been enhanced with the following features:

- The MMAP Media application has been improved:
 - The user interface has a videos page that shows the video files that have been ingested.
 - You can add annotations to a video, and delete annotations.
 - You can export an annotated section of a video, and its associated metadata, to a zip file.
 - You can archive an annotated section of a video. The annotated section is copied from the rolling buffer and used to create a new video that can be viewed on the videos page with all of its associated events and metadata. The section is also indexed into IDOL so it can be retrieved in the Find user interface. Archived videos do not expire when the original content in the rolling buffer is overwritten.
 - Times can be displayed as absolute (wall clock) times, or relative to the start of the file.
- MMAP supports HTTPS communication with Media Servers and VMS.
- When assigning a camera to a VMS recorder, MMAP can generate and store an RTSP username and password pair that will be required to play back the RTSP stream.
- MMAP users can label and add notes to a section of video. A new type of event, named "annotation", has been added to support this.
- MMAP supports video files in addition to live streams. Support for video files is available through the "videos" API endpoints. For more information about these endpoints, refer to the MMAP API documentation. Videos can be created from annotation events, or by Media Server.
- A video, or an annotated section of a video, can be exported to a zip file that contains all metadata, binary data, and the video.
- Metadata from a video can be indexed into IDOL.
- MMAP can store all of the binary data associated with events and videos in a central location. The location is configurable through the system property `avalanche.vms.video.binaryDataBaseUri`. Applications such as Media Server provide files by writing them to a staging area, defined by the system property `avalanche.vms.video.binaryDataStagingBaseUri`, and sending a suitable API request. After MMAP receives the request it moves the files into its storage area. This means that the Media Server user or machine no longer requires access to the final storage location.
- Events can be added to MMAP through the API, and deleted through the API. When an event is deleted, MMAP deletes any binary data (images or video files) associated with the event.

Resolved Issues

- The MMAP user interface did not show cameras and channels that were located in a folder.

Installation Requirements

System Requirements

This section describes the system requirements for Media Management and Analysis Platform. The Media Management and Analysis Platform must be hosted by:

- A JBoss enterprise application server (JBoss EAP 6.2.0).
- A fully compliant Java 7 or later Runtime environment.

NOTE:

Check the Red Hat JBoss EAP documentation for information on supported versions of Java Runtime for JBoss EAP 6.2.0.

Dependencies

This section describes the dependencies for Media Management and Analysis Platform:

- IDOL Media Server version 12.1.0. MMAP 12.1.0 is not compatible with earlier versions of IDOL Media Server.

Minimum Server Requirements

The minimum server requirements depend on many variables, such as the frequency of requests that Media Management and Analysis Platform must serve. The following are minimum requirements but there may be additional requirements. Micro Focus recommends that you refer to the documentation for JBoss EAP 6.2.0.

- 1.4 GHz dual-core processor
- 4 GB RAM
- 20 GB free disk space

Notes

- The MMAP database schema has changed. If you are upgrading from MMAP version 12.0.0, run the schema upgrade script that is included in the MMAP package (`sql\postgresql\upgrade-12.0.0-12.1.0.sql`).