

# Attunity Enterprise Manager 3.3 Release Notes - August 2017

Attunity Enterprise Manager 3.3 is a minor release, which introduces support for high availability, export to TSV, greater scalability, bulk server operations, and the `AemDeleteTask` and `AemGetServerList` REST API methods.

**Note** If your current AEM version is no longer supported, you need to perform two upgrades. First, upgrade to any supported version (excluding this version), and then upgrade to this version. If you are unsure what version you need to upgrade to first, contact Attunity Support.

Additionally, customers who are skipping versions (i.e. not upgrading from the last released version) are strongly encouraged to review the release notes for all versions higher than their currently installed version.

In these release notes:

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For more information about a particular feature, please refer to the *Attunity Enterprise Manager Installation and User Guide*.

## Replicate Compatibility

AEM 3.3.0 is compatible with Replicate 5.2 and above for all functionality except **Designer** mode, which is only compatible with Replicate 5.5.

## High Availability

Support for installing AEM in a Windows (2008 R2 or 2012 R2) High Availability Cluster has been added to this version. With the introduction of High Availability support, customers will be able to continue operations, even if access to the primary production server is disrupted.

## Improved Scalability

This version introduces significant improvements to scalability, with AEM now capable of supporting up to 3000 tasks.

## Export to TSV

An option to export lists of tasks, servers and messages to a TSV file has been added. Customers can take advantage of this feature to store lists in tabular format for auditing or support purposes.

## REST API - AemDeleteTask and AemGetServerList

The AEM REST API now supports the `AemDeleteTask` and `AemGetServerList` methods. Calling `AemDeleteTask` will delete a specified task (and optionally its logs). Calling `AemGetServerList` will retrieve a list of servers under AEM management as well as basic details for each server.

## Server Bulk Operations

AEM 3.3 introduces the ability to perform bulk actions (excluding editing) on servers, simply by selecting the servers and performing the desired operation (e.g. start monitoring).

## Resolved Issues and Customer Requested Enhancements

The table below lists the resolved issues and customer requested enhancements for this release.

<b>Component/Process</b>	<b>Type</b>	<b>Description</b>	<b>Ref #</b>
AEM API	Issue	Calling an AEM API method against a Replicate server with a permanent license would return a "license not valid" error.	142124
Export to TSV	Enhancement	See <a href="#">Export to TSV</a> .	148087
AemDeleteTask API Method	Enhancement	See <a href="#">REST API - AemDeleteTask and AemGetServerList</a> .	150075
AemGetServerList API Method	Enhancement	See <a href="#">REST API - AemDeleteTask and AemGetServerList</a> .	151147
Multi-Selection for Servers	Enhancement	See <a href="#">Server Bulk Operations</a> .	143724

## Known Issues

The table below lists the known issues for this release.

Component/Process	Type	Description
Tags	Upgrade	<p>When upgrading from a version older than AEM 3.2.0 to AEM 3.3.0, tasks lose their tags. While the tags still exist in the system, they are no longer associated with any task. This happens due to infrastructure changes that were made to support Granular Access Roles.</p> <p>Before the upgrade, it is recommended that you document tasks and their associated tags so that you can tag the tasks again after the upgrade. To tag tasks, see "Grouping Tasks" in "Chapter 6: Monitoring and Controlling Tasks" in the <i>Attunity Enterprise Manager Installation and User Guide</i>.</p>
FIPS Compliance	Upgrade	<p>AEM version 3.3.0 uses FIPS 140-2 compliant algorithms for data encryption and hashing (AES-256 for encryption and SHA-256 for hashing). Therefore, when upgrading from AEM versions prior to and including AEM 3.2, you need to delete previously created audit files for AEM to work in FIPS compliant mode.</p> <p><b>To delete the audit files, perform the following steps:</b></p> <ol style="list-style-type: none"> <li>1. Stop the AEM service.</li> <li>2. Delete the following files, by default located in the &lt;installation&gt;\data folder: <ul style="list-style-type: none"> <li>» Audit file for Message Center (in the &lt;installation&gt;\data\audit folder). The data is already backed up in the MessageCente.sqlite folder.</li> <li>» Audit trail file (in the &lt;installation&gt;\data\audit trail folder). Generating an audit trail before the</li> </ul> </li> </ol>

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Component/Process	Type	Description
		upgrade will back up the data as a .csv file.
		3. Start the AEM service.

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