

# TIBCO Mashery<sup>®</sup> Local Release Notes

*Software Release 4.2.0  
November 2017*

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# TIBCO Documentation and Support Services

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Documentation for this and other TIBCO products is available on the TIBCO Documentation site. This site is updated more frequently than any documentation that might be included with the product. To ensure that you are accessing the latest available help topics, visit:

<https://docs.tibco.com>

## Product-Specific Documentation

The following document for this product can be found on the TIBCO Documentation site:

- TIBCO Mashery® Local Installation and Configuration Guide

TIBCO Mashery Professional customers will not have access to all of the features documented here. The following is a list of capabilities that are not available and as such will not be visible within the API Control Center for these customers:

- Distributed API Management (managing Organizations)
- Enriched Call Log Export
- HTTPS Client Profiles
- Mashery Local (Deploy)
- Event Triggers

Additionally, TIBCO Mashery Professional customers will not have access to the Mashery V2 API and as such will be able to use only the OAuth2 Accelerator feature.

Additionally, TIBCO Mashery Professional includes 8M QPM (Queries per month) and all traffic purchased is limited to a max of 100 QPS (Queries per second). TIBCO Mashery Professional customers can create a max of 25 APIs and 25 packages.

## How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, contact TIBCO Support:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.

## How to Join TIBCO Community

TIBCO Community is an online destination for TIBCO customers, partners, and resident experts. It is a place to share and access the collective experience of the TIBCO community. TIBCO Community offers forums, blogs, and access to a variety of resources. To register, go to the following web address:

<https://community.tibco.com>

## Summary

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TIBCO Mashery® Local 4.2.0 is available as an Open Virtualization Application or Appliance (OVA) install or Docker install.

Mashery Local Virtual Appliance is an on-premise traffic manager packaged up as a virtual appliance that manages and runs your API-related network traffic behind your firewall for enhanced API response time and security.

Mashery Local for Docker is a set of Docker images for running Mashery Local. These images can be customized for custom configurations. Mashery Local for Docker allows customers to perform hybrid traffic management on premise to run the API traffic inside data-centers.

Both versions of Mashery Local securely interact with the Mashery Cloud hosted Developer Portal, Administration Dashboard and API Reporting and Analytics modules.

Mashery Local includes commercial support for Project Mashling, an open-source, event-driven microgateway. You can publish an endpoint exposed by Mashling to Mashery for access to broader API management functions. For more information about Mashling, please see <https://www.mashling.io/home> or <https://community.tibco.com/products/project-mashling>.

## Upgrade

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Mashery Local 4.2.0 is not available as an iso update. To upgrade to this release, deploy the .ova file or the Docker artifact for Mashery Local Container, which can be obtained by contacting TIBCO Support. For more details about installing and configuring Mashery Local, see *TIBCO Mashery Local 4.2 Virtual Appliance Installation and Configuration Guide* or *TIBCO Mashery Local 4.2 Installation and Configuration Guide for Docker*.

## New Features and Enhancements

The following new features and enhancements have been added to the named releases of Mashery Local.

### New Features in 4.2.0

- Mashery Local Virtual Appliance (OVA) users with an Administrative role can now use the following commands:

```
sudo service javaproxy status
sudo service javaproxy start
sudo service javaproxy stop
sudo service javaproxy restart
```

```
sudo service mysqld status
sudo service mysqld start
sudo service mysqld stop
sudo service mysqld restart
```

```
sudo monit stop proxy
sudo monit start proxy
```

```
sudo monit stop mysql
sudo monit start mysql
```

- Mashery Local Virtual Appliance (OVA) users with an Administrator role now have the ability to expand the disk space of a Mashery Local instance by using the following sudo commands:

```
sudo monit stop proxy
sudo monit stop mysql
```

Then run the sequence:

```
sudo pvresize /dev/sdb
sudo lvextend -l +100%FREE /dev/mnt_vg/mnt
sudo resize2fs /dev/mnt_vg/mnt
```

Then run:

```
sudo monit start mysql
sudo monit start proxy
```

- Mashery Local users with an Administrator role now have the ability to run the following "yum" commands:

For Docker	For Virtual Appliance (OVA)
<ul style="list-style-type: none"> <li>yum update</li> <li>yum history</li> <li>yum help</li> <li>yum info</li> <li>yum list</li> <li>yum repolist</li> <li>yum version</li> <li>yum distribution-synchronization</li> </ul>	<ul style="list-style-type: none"> <li>sudo yum update</li> <li>sudo yum history</li> <li>sudo yum help</li> <li>sudo yum info</li> <li>sudo yum list</li> <li>sudo yum repolist</li> <li>sudo yum version</li> <li>sudo yum distribution-synchronization</li> </ul>



The "yum update" command has the potential to install software that may not be compatible with the installed libraries in your Mashery Local instance. It is highly recommended to first check with TIBCO Support if "yum update" can be run safely in your Mashery Local instance. Further, any changes made to Mashery Local instances using "yum update" must be tested thoroughly in a non-production environment first.

- GCP (Google Cloud Platform) is now supported for Mashery Local for Docker. For more information, see the **Installing and Running Mashery Local for Docker Using GCP** topic in the Mashery Local 4.2 Installation and Configuration Guide for Docker.
- Mashery Local includes commercial support for Project Mashling, an open-source, event-driven microgateway. You can publish an endpoint exposed by Mashling to Mashery for access to broader API management functions. For more information about Mashling, please see <https://www.mashling.io/home> or <https://community.tibco.com/products/project-mashling>.

## Changes in Functionality

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This section lists changes in functionality in the named releases of Mashery Local.

### Version 4.2.0

The following functionality-related change has been made in this release.

- When configuring a Mashery Local Master or Slave, the **Use NTP (recommended)** checkbox is now enabled by default. Additionally, four NTP servers can now be configured.

## Closed Issues

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This section lists the issues that were closed in the named releases of Mashery Local.

### Closed Issues in 4.2.0

There are no closed issues in version 4.2.0 of Mashery Local.

## Known Issues

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This section lists the known issues in the named releases of Mashery Local.

### Known Issues in 4.2.0

This table lists known issues in version 4.2.0 of Mashery Local.

Key	Summary
EIN- 2631	<p><b>Summary:</b></p> <p>When uploading custom adapters, they are not visible in the OSI bundle and are also not registered. These adapters are only visible after restarting the Java proxy for that instance.</p> <p><b>Workaround:</b></p> <ol style="list-style-type: none"><li>1. Restart Java proxy after the first installation. Access needs to be given to Administrator for Mashery Local Virtual Appliance (OVA) installations.</li></ol>