# Enterprise Maps

Software Version: 3.20
Windows and Linux Operating System

# Enterprise Maps Workbench

**Hewlett Packard**
Enterprise

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be present in this PDF version. Those topics can be successfully printed from within the online help.

# Contents

# HPE Enterprise Maps Workbench

HPE EM Workbench consists of the following tools, enabling you to customize your deployment of HPE Enterprise Maps.

- Assertion Editor

  Customizes the conditions applied by your business policies within HPE EM. For more information, see *HPE Enterprise MapsAssertion Editor User Guide*.

- Customization Editor

  Customizes the underlying System Data Model (SDM) within HPE EM. For more information, see *HPE Enterprise MapsCustomization Editor User Guide*.

- Report Editor

  Customizes report definitions for use with HPE EM. For more information, see *HPE Enterprise MapsReport Editor User Guide.*

- Taxonomy Editor

  Customizes the taxonomies used to categorize artifacts in HPE EM. For more information, see *HPE Enterprise MapsTaxonomy Editor User Guide*.

# Installing HPE EM Workbench

HPE EM Workbench is an Eclipse development platform distributed as a zip file, **hpe-em-workbench-3.20-win64.zip**

> **Note:** HPE EM Workbench requires Java SE Development Kit (JDK) 1.8.0 (64 bit version only) or higher. You must include the path to this version of the JDK in the **JAVA_HOME** environment variable.

To install HPE Enterprise Maps Workbench:

1. Extract the archive to your required location.

   > **Note:** In this document, the location where you have extracted the archive is referred as **WB_HOME**.

   > **Note:** Ensure that the path where you have extracted must not be longer than 97 characters.

To Start Enterprise Maps Workbench:

1. Execute **.exe** from **WB_HOME/em-workbench/start.exe**.

   The Enterprise Maps Workbench Workbench welcome screen is displayed.
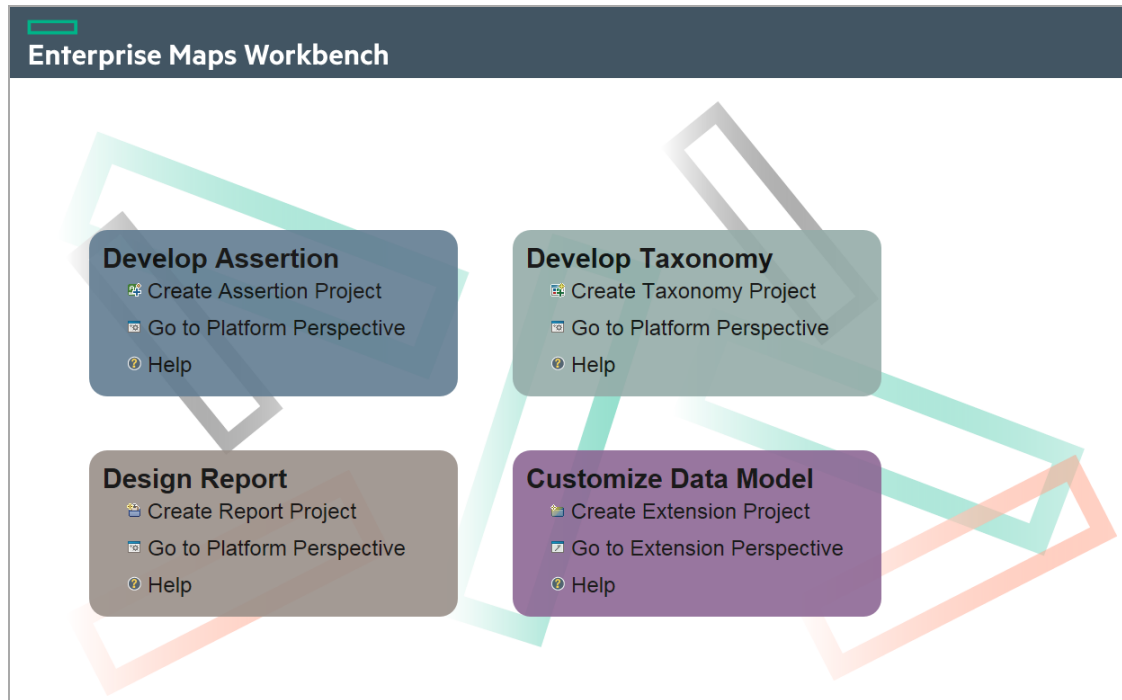
Click one of the options to open the respective editor tools, start a new project, or view the documentation set.

Click **Help > Welcome** from the menu options of any of the editor tools to return to the welcome screen.

# Configuring HPE EM Workbench

This topic contains configurations that generally apply to the whole HPE EM Workbench suite. The default configuration should work out of the box. However in some cases you need to tune HPE EM Workbench to suit your working environment. This section covers the following topics:

- Switching to Admin Mode

- Setting JVM Memory

- Setting Timeout

- Resetting Security Storage

- Proxy Configuration

- Configuring SSL

HPE EM Workbench editors may require additional configurations. For more specific configurations on specific editor, see *Getting Started* section in the respective editor's guide.

# Switching to Admin Mode

By default, HPE EM Workbench runs in **normal** mode which prevents users from uploading system taxonomies (IDs start with uddi:systinet.com:soa:model:taxonomies) and the Report Editor `.rptlibrary` file to HPE EM servers. If you need to work with system taxonomies or want to upload the `.rptlibrary` file you must switch from **normal** mode to **admin** mode.

> **Caution:** The HPE EM uses hard-coded values from system taxonomies. Changing or removing them may cause errors.

To Switch HPE EM Workbench to Admin Mode:

1. Open `WB_HOME/em-workbench/configuration/config.ini` with a text editor.

2. Add `mode=admin` to `config.ini`.

3. Restart the HPE EM Workbench.

# Setting JVM Memory

HPE EM Workbench is memory-intensive. If you experience performance issues, HPE recommends to increase the memory allocation.

To increase the memory allocation:

1. Open `WB_HOME/em-workbench/start.ini` for editing.

2. Set the new values as follows:

   - `-Xms1024m`

   - `-Xmx2048m`

3. Save the changes and restart the HPE EM Workbench.

# Setting Timeout

HPE EM Workbench downloading from HPE EM may time out. If you experience issues, HPE recommends increasing the time out.

To increase the Timeout:

1. Open `WB_HOME/em-workbench/start.ini` (or `eclipse.ini` for stand-alone installation) for editing.

2. Set the new value as follows:

   `-Dorg.em.platform.rest.Client.timeout=600000`

   The value is in milliseconds with a default value of 120000 (2 minutes).

3. Save the changes and restart the HPE EM Workbench.

# Resetting Security Storage

HPE EM Workbench may fail to store saved credentials of servers. In such cases, HPE recommends to clear the secure storage.

To reset the secure storage:

1. In Enterprise Maps Workbench, go to **Windows > Preferences > General > Security > Security Storage > Contents** tab.

2. Click root node in **Default Secure Storage** and click **Delete**.
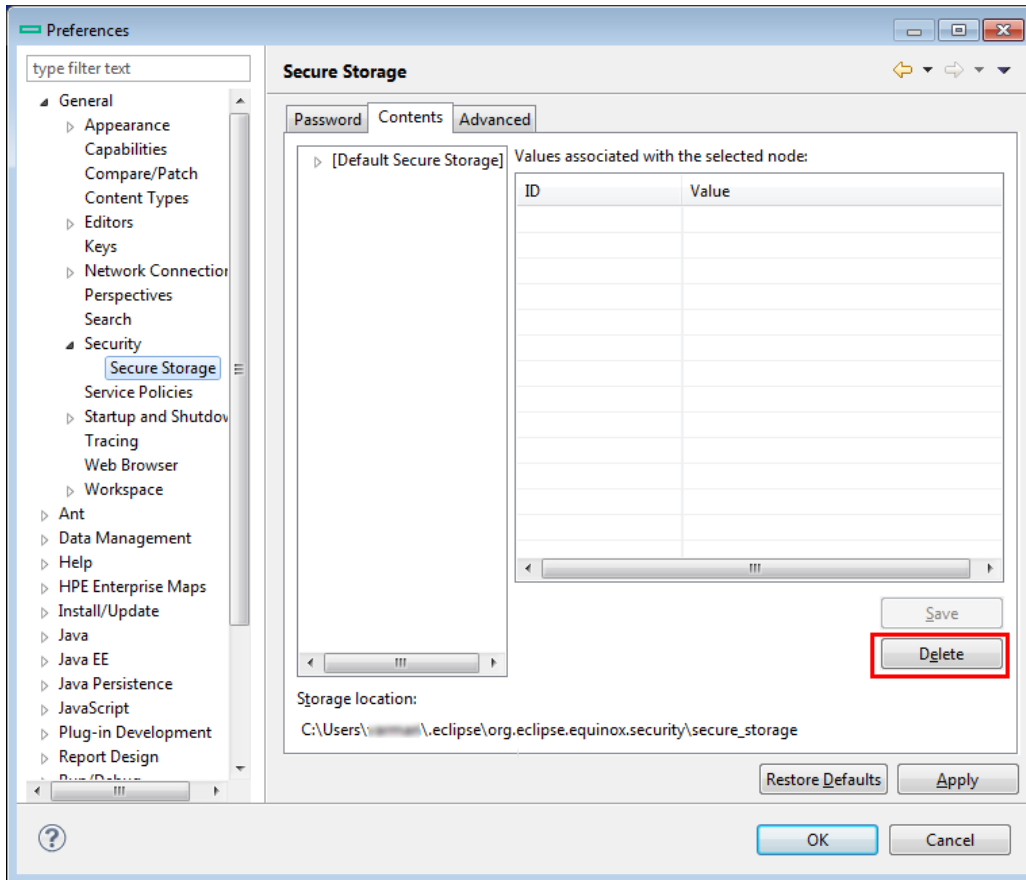


3. Restart the HPE EM Workbench.

# Proxy Configuration

You can connect to HPE Enterprise Maps from HPE EM Workbench via proxy. You must configure the proxy settings in HPE EM Workbench manually.

To configure the proxy settings in HPE EM Workbench:

1. Go to **Windows > Preferences > General > Network Connections**.

2. In **Proxy entries** table, click **Edit** to enter the proxy setting information.
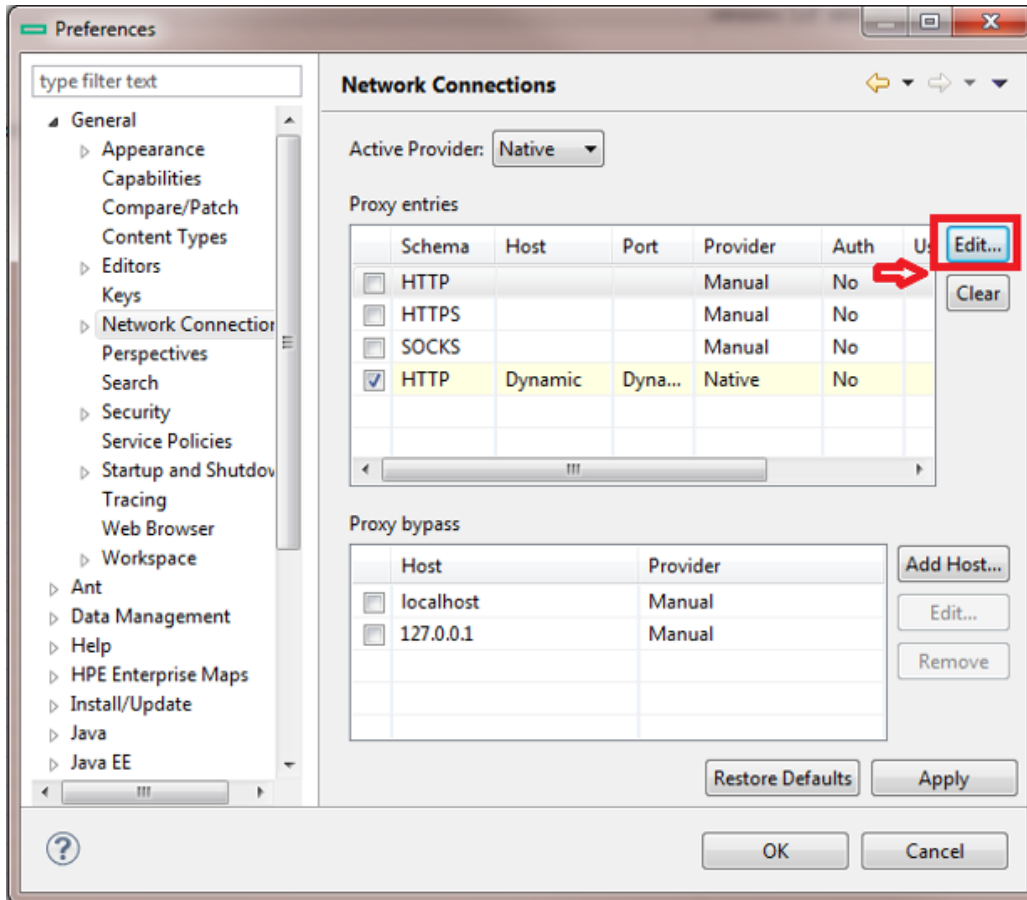
3. Click **Apply** or **OK** to apply the changes.

# Configuring SSL

By default, HPE EM Workbench trusts all HPE EM server certificates. You may want HPE EM Workbench to verify HPE EM server certificates.

To verify the HPE EM server certificates:

1. Add the following options to `WB_HOME/em-workbench/start.ini`:

   ○ `-Dcom.hp.em.security.ssl.verifyCert=true`

   ○ `-Djavax.net.ssl.trustStore=USER_TRUSTSTORE`

   ○ `-Djavax.net.ssl.trustStorePassword=TRUSTSTORE_PASS`

   ○ `-Djavax.net.ssl.trustStoreType=TRUSTSTORE_FORMAT`

If HPE EM is configured for 2-way SSL, you must provide HPE EM Workbench certificates to HPE EM.

To provide HPE EM Workbench client certificates to HPE EM:

1. Add the following options to `WB_HOME/em-workbench/start.ini`:

   - `-Djavax.net.ssl.keyStore=USER_KEYSTORE`

   - `-Djavax.net.ssl.keyStorePassword=KEYSTORE_PASS`

   - `-Djavax.net.ssl.keyStoreType=KEYSTORE_FORMAT`