



# Install a Demo EUM Server

You can run the installer in one of three modes. The GUI and silent installation methods are described below. To start the installer in interactive console mode, start the installer with the `-c` switch. The console mode prompts you for the equivalent information that appears in the GUI installer screens, as described below.

In addition, you can run the installer using a Response file (for unattended installations). See [Installing with the Silent Installer](#).

## About the Demo Installation

This mode is for demonstration and light testing only. If you are using the Events Service, it must be on a separate host.

If you do not already have an existing on-premises Controller, install it as described in [Custom Install](#).

## Installation Requirements

To install the Demo Installation, you are required to do the following:

- Install and run a Controller instance on the same host machine before starting the EUM Server installation.
- Install the EUM Server with the same user account used to install the Controller, or use an account that has read, write, and execute permissions to the Controller home directory.

## Installing with the GUI Installer

1. Start the installer:

- On Linux:

- a. From a command prompt, navigate to the directory to which you downloaded the EUM Server installer.
- b. Change permissions on the downloaded installer script to make it executable, as follows:

```
chmod 775 euem-64bit-linux-4.5.x.x.sh
```

- c. Run the script as follows:

```
./euem-64bit-linux-4.5.x.x.sh
```

- On Windows:

- a. Open an elevated command prompt (run as administrator) and navigate to the directory to which you downloaded the EUM Server installer.
- b. Run the installer:

```
euem-64bit-windows-4.5.x.x.exe
```

2. In the Welcome screen, click **Next**.  
The **License Agreement** page appears.
3. Scroll to the end of the license agreement, accept the license agreement and click **Next** to continue.
4. Select the directory in which you want to install the server and click **Next**.

5. Choose **Demo** for the installation mode. In this mode, the installer looks for a Controller on the current host and an Events Service on a separate host. It then installs the EUM Server on the same host as the Controller. Click **Next**.

The screenshot shows a window titled "Setup - AppDynamics End User Monitoring 4.4.0.0". The main heading is "AppDynamics End User Monitoring Installation Type" with the instruction "Select Installation Type". There are two radio button options: "Demo" (selected) and "Product".

**Demo**  
Use this type if AppDynamics End User Monitoring is installed on the same host where AppDynamics Controller is installed. In this type, AppDynamics End User Monitoring will create a separate schema on the MySQL instance used by AppDynamics Controller.

**Product**  
Use this type if AppDynamics End User Monitoring and AppDynamics Controller are installed on different hosts. This type will install a MySQL instance on this machine that will be used by AppDynamics End User Monitoring.

At the bottom right, there are three buttons: "< Back", "Next >", and "Cancel".

6. In the **Database Setup** dialog box:
  - a. Enter a password in the **Root User Password** field.
  - b. Enter and confirm a password for the **eum\_user** database user account.
7. In the End User Monitoring Server Setup screen:
  - a. Enter the HTTP or HTTPS listening ports on the EUM Server at which the Controller will connect to the EUM Server (the default HTTP port is 7001 and HTTPS is 7002).
  - b. Enter a new password in the **Key Store Password** and confirm it.

The screenshot shows a window titled "Setup - AppDynamics End User Monitoring 4.4.0.0". The main heading is "AppDynamics End User Monitoring Server Setup" with the instruction "Enter details about the Java server process used by AppDynamics End User Monitoring.".

AppDynamics End User Monitoring Server uses a self-signed certificate to accept HTTPS traffic. The self-signed certificate can only be used for the Demo installation.

HTTP Port:

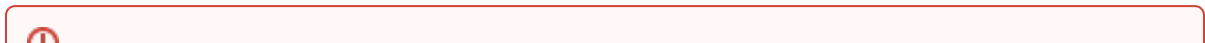
HTTPS Port:

AppDynamics End User Monitoring stores all passwords in an encrypted key store on disk. Please enter the password used for key store.

Key Store Password:

Confirm Key Store Password:

At the bottom right, there are three buttons: "< Back", "Next >", and "Cancel".





Username and passwords can only consist of ASCII characters. In addition, passwords cannot include the characters '^', '/', or '\$'.

Note that ports shown here are the location both to which the EUM Agents send their beacons and from which the Controller fetches the processed beacon data. Click **Next** and click **Finish**.

## Post-installation Tasks

After installing the EUM server, you must perform three additional post-installation tasks:

- Provision the EUM license
- Configure the Events Services properties in the `eum.properties` file (optional)
- Connect the EUM server with the AppDynamics Controller

## Provision the EUM License

To provision the EUM license:

1. Log in to your EUM Server.
2. Change to the directory with the script for provisioning licenses: `$> cd $EUM_HOME/eum-processor`
3. Provision each license, one at a time, on the EUM Server by running the following command: `$> ./bin/provision-license <PATH_TO_EUM_LICENSE>`

The command needs to be run from the `$EUM_HOME/eum-processor` directory or it will fail.

1. Log in to your EUM Server.
2. Change to the directory with the script for provisioning licenses: `$> cd $EUM_HOME\eam-processor`
3. Provision each license, one at a time, on the EUM Server by running the following command: `$> .\bin\provision-license.bat <PATH_TO_EUM_LICENSE>`

The command needs to be run from the `$EUM_HOME\eam-processor` directory or it will fail.

## Configure the Events Service Properties

For the demo installation, Events Services configuration is not required for the EUM Server to start.

To configure the Events Service properties in the `eum.properties` file:

1. Navigate to and [start your Controller](#).
2. Using the CLI, navigate to the bin directory.
3. Open the `eum.properties` file for editing.
4. In the `eum.properties` file, enter the following values:
  - a. `analytics.enabled=true`
  - b. `analytics.serverHost=<hostname>`, where `<hostname>` is the host where the event service is running
  - c. `analytics.accountAccessKey=<eum_key>`, where `<eum_key>` is the Events Service key that appears as the `appdynamics.es.eum.key` value in the [Administration Console](#):

Name ↑	Description	Value
appdynamics.es.eum.key	Key to sync eum and events service	1a59dlac-4c35-4df1-9c5d-5fc1910
appdynamics.non.eum.events.use.on.premise.event.service	Non-EUM events stored in on-premise event service	true
eum.beacon.host	appdynamics.controller.eum.beacon.hostname	col.eum-appdynamics.com
eum.beacon.https.host	appdynamics.controller.eum.beacon.https.hostname	col.eum-appdynamics.com
eum.cloud.host	appdynamics.controller.eum.cloud.hostname	apl.eum-appdynamics.com

The configuration should appear similar to the following example:

```
# Credential Key Store Information
onprem.useEncryptedCredentials=true
onprem.credentialKey=s_-001-12-F+ddxp+nzHI=dwDynZje09g=

# Web server properties
processorServer.httpPort=7001
processorServer.httpsPort=7002
processorServer.httpsProduction=true
processorServer.keyStorePassword=1wn1lu

# Analytics server properties
analytics.enabled=true
analytics.serverScheme=http
analytics.serverHost=events.service.hostname
analytics.port=9080
analytics.accountAccessKey=1a59dlac-4c35-4df1-9c5d-5fc191003441

# Session properties
collection.sessionEnabled=true
crashProcessing.sessionEnabled=true
```

5. After updating the `eum.properties` file, restart the EUM Server.

## Connect the EUM Server with the AppDynamics Controller

To connect the EUM server with the AppDynamics Controller:

1. Log in to the [Administration Console](#).
2. Set the following Controller properties:
  - a. `eum.cloud.host: http://localhost:7001` – This tells you where the Controller will poll for EUM metrics
  - b. `eum.beacon.host: eum-host-name:7001` – This tells you where beacons are sent for page requests made with the HTTP protocol
  - c. `eum.beacon.https.host: https://eum-host-name:7002` – This tells you where the beacons are sent for page requests made with the HTTPS protocol
  - d. `eum.mobile.screenshot.host: eum-host-name:7001` – This tells you where the Controller will look for mobile screenshots

## Installing with the Silent Installer

Instead of using the installer in GUI mode, you can use the silent installer to perform an unattended installation. The silent installer takes a response file as a source for the initial configuration settings. It's useful for scripting installation or performing large scale deployments.

To use a response file for a Demo installation:

1. Create a file named `response.varfile` on the machine on which you will run EUM installer with the following:

```
sys.adminRights$Boolean=false
sys.languageId=en
sys.installationDir=/AppDynamics/EUM
euem.InstallationMode=demo
euem.Host=controller
euem.initialHeapXms=1024
euem.maximumHeapXmx=4096
euem.httpPort=7001
euem.httpsPort=7002
mysql.databasePort=3388
mysql.databaseRootUser=root
mysql.dbHostName=localhost
mysql.dataDir=/usr/local/AppDynamics/EUM/data
mysql.rootUserPassword=singcontroller
mysql.rootUserPasswordReEnter=singcontroller
eumDatabasePassword=secret
eumDatabaseReEnterPassword=secret
keyStorePassword=secret
keyStorePasswordReEnter=secret
eventsService.isEnabled$Boolean=true
eventsService.serverScheme=http
eventsService.host=eventsservice_host
eventsService.port=9080
eventsService.APIKey=1a234567-1234-1234-4567-ab123456
```

2. Modify values of the installation parameters based on your own environment and requirements. Particularly ensure that the directory paths and passwords match your environment.
3. Run the installer with the following command:

```
./euem-64bit-linux-4.5.x.x.sh -q -varfile response.varfile
```

On Windows, use:

```
euem-64bit-windows-4.5.x.x.exe -q -varfile response.varfile
```