

Software Requirements

The requirements described must be met to complete the AEMP Adaptor installation.

Product	Versions
AEM	AEM 6.5.0 (SP1 and higher), 6.4.0 (SP1 and higher), 6.3.0 (SP1 and higher), 6.2.0 (SP1 and higher), 6.1.0 SP2
GlobalLink Project Director	4.19 or later
JDK	1.7.0u65 or later

Installation Prerequisites

You must meet these installation prerequisites before installing the adaptor:

- Log in with system administrator privileges
- Have the AEMP adaptor package ready to install
- Create a language copy of the master site in AEM for each required language
- Map AEM users

1. AEM System Users Creation

You must create, assign permissions, and map the AEM system users before installing the AEMP adaptor. If you map your system users after installation, you must reinstall the adaptor.

Create an AEM System User

To create an AEM system user:

1. Log in as system administrator.
2. Go to **Content Repository Extreme** at <http://localhost:4502/crx/explorer/index.jsp>.
3. Click **User Administration**.
4. Click **Create System User**.



Do not click **Create User** by mistake.

5. Enter *gl-service* in the user ID field.
6. Click the green check mark at the side.
7. Click **Close**.

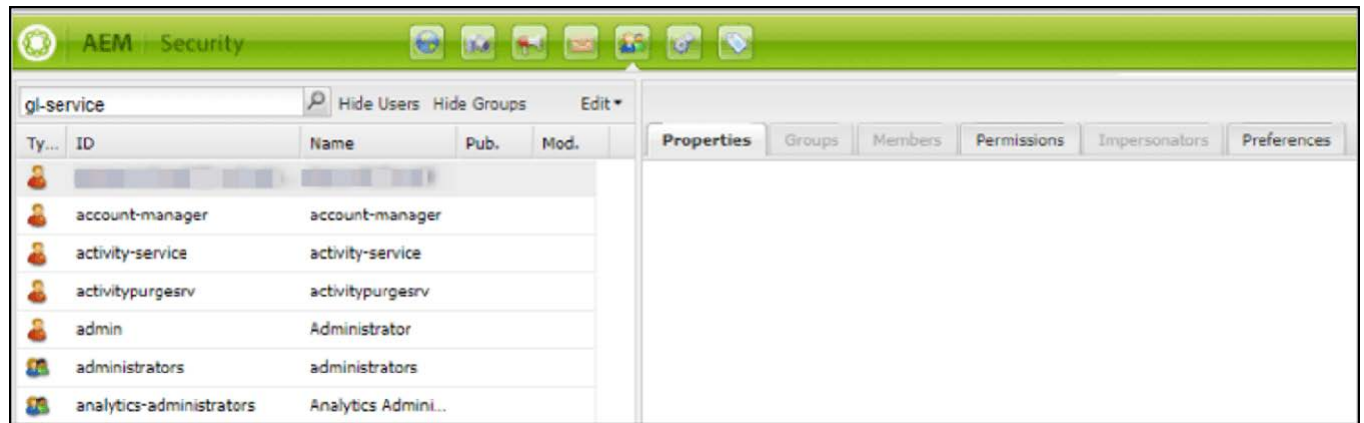
The system user is created.

Assign User Permissions

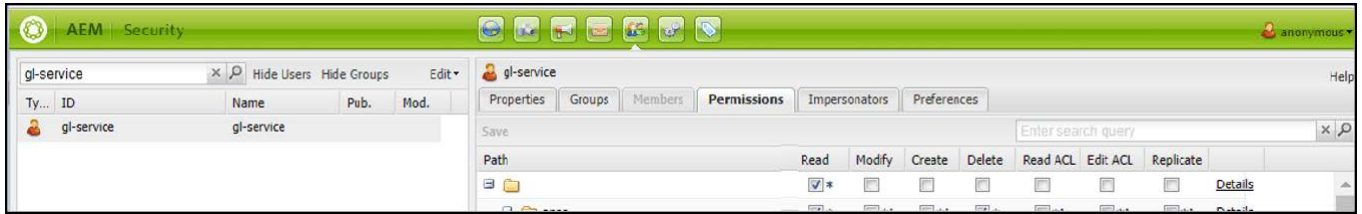
You must assign user permissions for each user you create.

To assign user permissions:

1. Go to <http://<localhost>:4502/useradmin>.



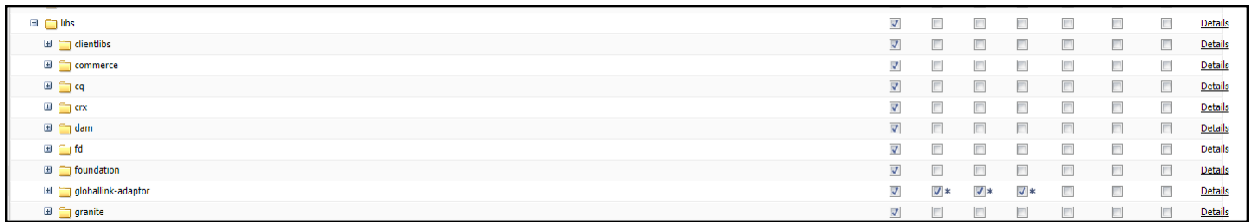
2. Enter **gl-service** in the search bar.
3. Double-click **gl-service** to open user information properties.
4. Select only the **Read** permission for the root folder.



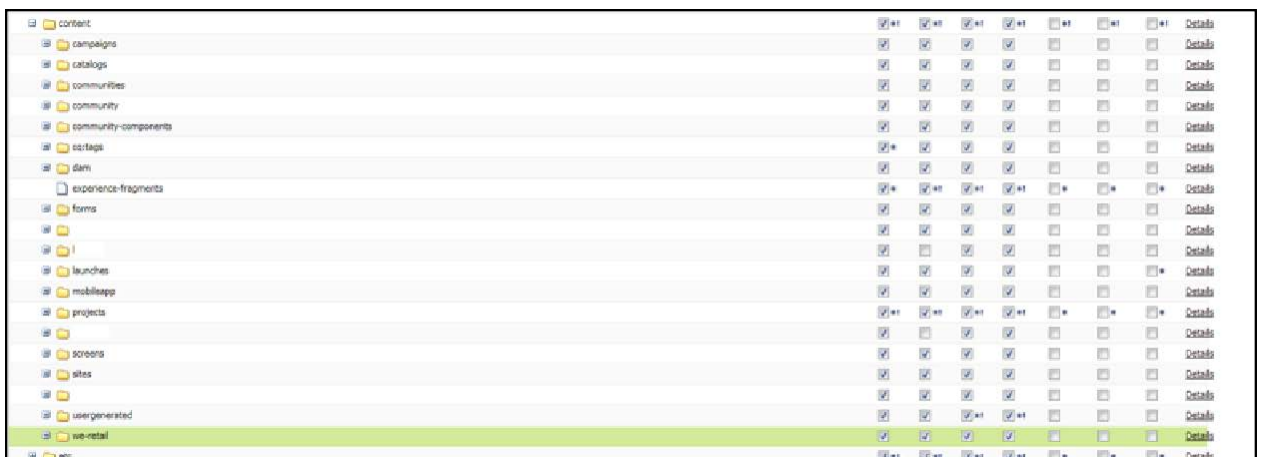
5. Select the **Modify**, **Create**, and **Delete** permissions for the other folders in the root folder.

For first-time adaptor installation, provide full permissions to /libs. You can change to specific nodes after adaptor installation.

- Update the permissions for the /libs/globalink-adaptor/ node immediately after completing installation.



- If the /libs/cq/core/productinfo/ node does not exist, ignore permissions for it.
- Select permissions for /content/ or necessary sub-nodes, such as, we-retail site



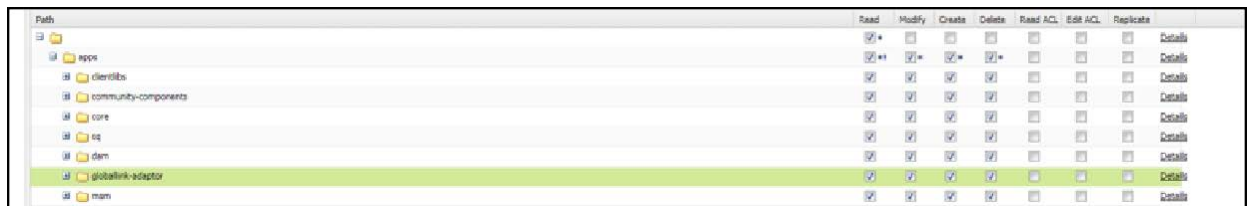
- Select permissions for /etc/workflow/models/globalink-adaptor/.
- Select permissions for /etc/workflow/models/instances/.
- Permissions for tags:

If AEM 6.1, 6.2, 6.3—Select /etc/tags/ or necessary sub-nodes, such as, we-retail site.

If AEM 6.4, 6.5 or higher—Select /content/cq:tags/ or necessary sub-nodes, such as, we- retail site.



- Select permissions for /apps/ and /apps/globalink-adaptor or necessary sub-nodes.



6. Click **Save**.

The user is assigned the new permissions and added to the **Repository** folder.

Create a User Mapping

To create a user mapping:

1. Go to **Web Console Manager** at:

```
http://localhost:4502/system/console/configMgr/
```

2. Search for **Apache Sling Service User Mapper Service**.
3. Click **+** and add the following to **Service Mappings**:

```
gs4tr-globalink-adaptors-aem-bundle:gl-service=gl-service
```

4. Click **Save**.

The new user mapping is created and saved.

Install the Adaptor

Before installation, you must meet all software prerequisites. Refer to [Software Requirements](#).



Use installation and configuration files from one of two locations: the installation package provided by GlobalLink or using the AEM Package Share.

To install the AEMP adaptor:

1. Using the package manager, upload the **GlobalLink-AEM-Adaptor** package to the AEM instance.
2. Click **Install**.
3. Go to the web console manager: `http://localhost:4502/system/console/configMgr`.
4. Search for and open the `Apache Felix Event Admin Implementation` file.
5. Set the **Timeout** to `15000`.
6. Click **+** and add the following to **Ignore Timeouts**:

- `org.gs4tr.globallink.adaptors.aem.bundle.event.CQSubmissionStatusEventHandler`
- `org.gs4tr.globallink.adaptors.aem.event.UpdateTargetStatusEventHandler`

7. Close `Apache Felix Event Admin Implementation`.
8. Open the web console configuration manager.
9. Locate and open the **Apache Sling Content Disposition Filter** configuration, then add the following to

Content Disposition Excluded Paths list:

```
/libs/globallink-adaptor/content/index.html
```

10. Close **Apache Sling Content Disposition Filter**.
11. Locate and open the **Apache Sling GET Servlet** configuration, then verify that **JSON Max Results** is set to at least 1000.
12. Close **Apache Sling GET Servlet**.
13. Locate and open the **Day CQ Link Externalizer** configuration, then verify that the local domain URL matches the domain and port of AEM author access. This facilitates the **Preview Feature**.
14. Close the **Day CQ Link Externalizer** configuration.
15. Restore the backups:

- `/libs/globalink-adaptor/config/repositories`
- `/libs/globalink-adaptor/submissions`

The AEMP adaptor is installed.



If you encounter issues with the adaptor interface, troubleshoot as follows:

- If you encounter a display error after installation, increase the setting in:

```
/libs/globalink-adaptor/content/viewport-62/jcr:content/  
sling:vanityOrder
```

to *150*.

- If you receive a CSRF error when attempting to view the GlobalLink UI, add:

```
http://<aem url>/bin|libs/globalink-.*
```

Apache Sling Referrer Filter > Allow Regexp Host and restart your AEM instance.

Uninstall the Adaptor

To uninstall the adaptor:

1. Go to **Package Manager > GlobalLink package**.
2. Click **Uninstall**.

The adaptor is uninstalled.