BEAAquaLogic
Enterprise
Repository®

**Connector for Serena®
ChangeMan®
Dimensions™ Guide**

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Connector for Serena® ChangeMan® Dimensions^{TM}

Overview

BEA AquaLogic Enterprise Repository's integration with **Serena PVCS Dimensions** enables the use of a webdav-enabled PVCS repository within ALER.

Adding PVCS

1. Download the PVCS integration package from the AquaLogic Enterprise Repository Customer Access Portal site.

2. Unzip the integration package file to a temporary directory.

3. Using an SQL tool appropriate for your database, run the SQL script located in the temporary director to add PVCS to your BEA AquaLogic Enterprise Repository database.

Configuring a PVCS Artifact Store

1. Login to ALER as a user. (Requires assignment to a role that includes the **Edit Artifact Stores** permission.)

2. Click the **Edit/Manage Assets** link in the sidebar on the **Assets** screen.

   The **Asset Editor** launches.

3. Select **Configure Artifact Stores** in the **Actions** menu.

4. In the **Configure Artifact Stores** pop-up, click the **Add** button.

5. On the **Create a new Artifact Store** window, enter a descriptive name for the repository.

6. In the **Type** list, select the **PVCS** repository type for this repository definition.

7. Enter a hostname and path for the server.

8. If necessary, enter a username and password.
    - **Note**
        - This is an option; entering a username and password allows automatic login. To add a database password, add the "+" character and the database password. An example PVCS URL used to reach a specific file in PVCS through webdav resembles the following: `http:// repositoryName+databaseName:password@host.server.com: port/webdavPath/additionalPathStructure/filename`

        - If a username and/or a password is used to access this repository, check the option to **Proxy Download Requests**. For more information regarding Proxy Download Requests please refer to the BEA AquaLogic Enterprise Repository *Configuration Guide*.

9. When finished, click **Save**.

Add a file to an asset using a PVCS repository

1. Launch the **Asset Editor**

2. Select the appropriate asset.

3. Navigate to the **File Information** section on the asset's **Overview** tab.

4. Click **Add**.

5. In the dialog box, enter a name and description, if necessary.

6. Click **Edit**

7. In the **Edit URL** dialog box, select the **Repository File** option button.

8. From the **Host** drop-down list, select **PVCS Repository**.

9. In the **File Name** box, enter the file name or browse to the file in the PVCS repository and select it.

10. Select **View** to test the URL.

Security Considerations

- Depending on the specific configuration, user names and passwords may be visible in URLs. Forcing individual user authentication at the file level solves the issue, but disables the Serena PVCS Dimensions browser in the AquaLogic Enterprise Repository **Asset Editor**. Using the **Proxy Download Requests** option in the artifact store definiton will eliminate the possibility of the user gaining access to these details.

- Users may be able to exploit certain Serena PVCS Dimensions filepath characteristics to gain unauthorized access to restricted files when the **Proxy Download Requests** option is not selected in the artifact store definition.