

# **Install and Setup Guide for Seclore Sample DMS Application**

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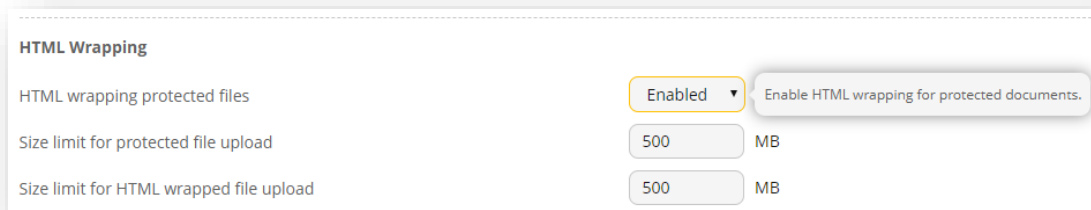
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# 1 Prerequisites:

## 1.1 Enable HTML Wrapping on Policy Server

**Note: This is pre-configured in the Policy Server (PS) on Seclore Cloud. Skip this step if you are using a Seclore PoC PS.**

1. Login as sysadmin and make sure HTML wrapping feature is enabled in Policy Server Configuration.



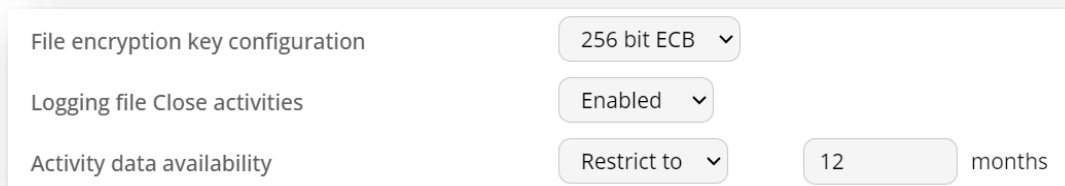
| HTML Wrapping                           |                                                                      |
|-----------------------------------------|----------------------------------------------------------------------|
| HTML wrapping protected files           | Enabled <small>Enable HTML wrapping for protected documents.</small> |
| Size limit for protected file upload    | 500 MB                                                               |
| Size limit for HTML wrapped file upload | 500 MB                                                               |

2. Restart Policy Server, if prompted.

## 1.2 Enable Close activity tracking on Policy Server

**Note: This is pre-configured in the Policy Server (PS) on Seclore Cloud. Skip this step if you are using a Seclore PoC PS.**

3. Login as sysadmin and make sure HTML wrapping feature is enabled in Policy Server Configuration.



|                                   |                       |
|-----------------------------------|-----------------------|
| File encryption key configuration | 256 bit ECB           |
| Logging file Close activities     | Enabled               |
| Activity data availability        | Restrict to 12 months |

4. Restart Policy Server, if prompted.

## 1.3 Create an Enterprise Application on the Policy Server.

Creating an Enterprise Application on the Policy Server which will be used for the Sample Application's integration.

**Note: This is pre-configured in the PS on Seclore Cloud. Skip the following steps if you are using Seclore PoC PS.**

1. Login to the sysadmin's page on the Policy Server e.g. [SERVERNAME]/[POLICYSERVER APP Name]/sysadmin
2. Go to the "App Integration" tab and click on the "Add Enterprise Application" button.
3. A 'Select Enterprise Application Type' prompt will appear, click on 'Custom Application'.
4. Provide a Name and Passphrase for your Enterprise Application.

**Enterprise Application Details**

Custom Application

Name \*

Description

Passphrase \*

Confirm Passphrase \*

---

Policy Federation Disabled

---

Content Saving Disabled

---

Advanced Security Disabled

5. Enable 'Policy Federation'.
6. Under "Access Right Adapter Type", select "Full Federation".

**Policy Federation** Enabled

Access Right Adaptor type Full Federation

ARA HTTP service base URL \*

Authentication scheme \*

Basic Authentication user name

Basic Authentication password

7. Configure the "ARA HTTP service base URL" as [https://\[SERVERNAME\]/sampleapp/services/request](https://[SERVERNAME]/sampleapp/services/request) as where [SERVERNAME] is the domain of your sample app.
8. Click Done.
9. Save the Enterprise Application changes using 'Apply' button.
10. Now click on the "Manage" link

| ID | Type               | Name              | Created on            | Last updated on       | Manage | Reset Passphrase |
|----|--------------------|-------------------|-----------------------|-----------------------|--------|------------------|
| 1  | Custom Application | Srinay sample app | 02 Jan 2019, 02:01 PM | 03 Jan 2019, 03:53 PM |        |                  |

11. Click the "Create HotFolder" button.
12. Assign an Owner and Name to this HotFolder.

Note: The assigned owner should have a protector license.

13. Expand the “External Reference” section to provide a Reference Id. e.g. “HF1”

14. Click on the “Add button”.

## 2 System Requirement:

1. Apache Tomcat 9.0.89 and Eclipse Temurin by Adoptium 17.0.10.
2. Sample Application should be deployed on a server which can connect to the Policy Server and Seclore Online.
3. Seclore Policy Server and Seclore Online deployment is a pre-requisite. It can be either deployed in Seclore Cloud or on your premise/cloud.
4. The Sample Application URL must be whitelisted in Seclore Online for the Integration to work.

## 3 Configuration:

1. Stop the tomcat Server if running. Extract the Sample Application package from “..\bin\Web App\” folder and place the content of “Web App” folder on the Server Machine (e.g. C:\Seclore\SAMPLEAPP\). We'll call this <SAMPLE\_APP\_DIR>
2. Based on Step1, enter the value for <app-path> in <SAMPLE\_APP\_DIR>/config/config.xml file.
3. Configure Policy Server details in “<SAMPLE\_APP\_DIR>/config/cabinet config.xml” file

**Note: Details will be shared with you Seclore Contact.**

4. Configure Hot Folder details in <SAMPLE\_APP\_DIR>/config/SampleAppConfig.properties file.

**Note: Details will be shared with you Seclore Contact.**

5. Configure some users for sample application in <SAMPLE\_APP\_DIR>/data/UserMaster.xml file (Note: These should be valid Policy Server users and should have a protector license)

**Note: Details will be shared with you Seclore Contact.**

6. Open "server.xml" of the tomcat on which SampleApp is deployed  
(TOMCAT\_HOME\conf\server.xml) and add a new context tag as given below

```
<Context
  path="/[SAMPLE_APP_NAME]"
  docBase="[SAMPLE_APP_DIR]"
  reloadable="true">

    <Valve
      className="org.apache.catalina.authenticator.NonLoginAuthenticator"
      disableProxyCaching="true"
      securePagesWithPragma="false" />

    <Resource name="jdbc/filesecure"
      auth="Container"
      type="javax.sql.DataSource"
      driverClassName="[DRIVER_CLASS]"
      url="[DATABASE_URL]"
      username="[USERNAME]"
      password="[PASSWORD]"
      maxWaitMillis="5000"
      maxTotal="100"
      removeAbandonedOnBorrow="true"
      removeAbandonedTimeout="300"
      logAbandoned="true"
      testOnBorrow="true"/>

    <Manager
      className="org.apache.catalina.session.PersistentManager"
      saveOnRestart="false">
      <Store className="org.apache.catalina.session.FileStore" />
    </Manager>
  </Context>
```

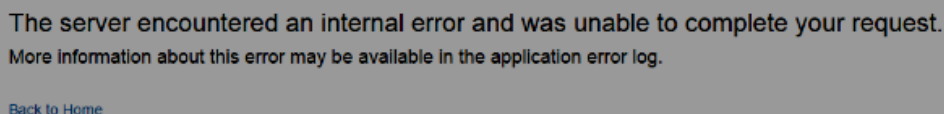
In the above context tag, please fill in the required details mentioned in BOLD:

1. SAMPLE\_APP\_NAME
2. SAMPLE\_APP\_DIR
3. DRIVER\_CLASS (This will be the same as the 'driverClassName' of the Policy Server)
4. DATABASE\_URL (This will be the same as the 'url' of the Policy Server)
5. USERNAME
6. PASSWORD

Note: In case you are using the same Tomcat server as the Policy Server, the details in the <Resource ...> tag of the sample app will be same as the details in the <Resource...> tag of the Policy Server.

**Note:**

- *If you are using Seclore PoC PS on Seclore Cloud, the <Resource...> tag should be commented.*
- *The Sample app also demonstrates user activity log integration. This feature is unavailable if you are using the Seclore Cloud PS but is available if the PS is deployed on your premise.*
- *Clicking the Log option on the application will result in the below message – which is expected*



The server encountered an internal error and was unable to complete your request.  
More information about this error may be available in the application error log.

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## 7. Adding database libraries to Tomcat.

Copy the two files “ojdbc6.jar” and “sqljdbc4.jar” from the folder 'Database libs' and paste these two files to the location “TOMCAT\_HOME\lib”.

**Note:** *If you are using Seclore PoC PS on Seclore Cloud or higher versions of these jar files, this step is not required.*

## 8. Access Sample app URL.

URL Pattern-> http:// [SERVERNAME]/sampleapp. Do Sanity testing to verify the installation. Refer document "Sanity cases for post deployment check.txt"

**Note:** *If you are using a PoC Policy Server on Seclore Cloud, share the Sample App URL with your Seclore contact post deployment. The URL needs to be whitelisted in Policy Server and Seclore Online server.*

*The Policy Server will send request to the Sample App URL for user permission. Therefore, the Sample App URL must be exposed over internet. Incoming requests from the policy server to the sample app must be allowed. Policy server URL will be shared by your Seclore contact for whitelisting on your environment.*



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