

Installing Alfresco Connector for VirtualViewer® HTML5

Prerequisites

- Alfresco Share v5.1, Enterprise edition preferred, which includes Java run-time 1.7.
- 8 GB plus of memory available. Add more to get better performance.

Note:

Please note that we only support Viewed Documents and Specified Documents in the multiple documents view for the Alfresco connector.

Installation

Follow the steps below to install Alfresco Connector for VirtualViewer® HTML5 :

1. Download Snowbound Alfresco Connector for VirtualViewerJavaHTML5 if you have not done so already.
2. Install the VirtualViewer war file in the **<alfresco directory>/tomcat/webapps** directory.
(You might have to start/stop Tomcat with **<alfresco directory>/manager-windows.exe** to install the war file.)
3. Check the permission on the new Alfresco folder before proceeding.
4. Go to the **alfresco/tomcat/webapps/VirtualViewerJavaHTML5** directory.
Copy **snowbound-repo-<version>.amp** to the **alfresco/amps** directory.
Copy **snowbound-share-<version>.amp** to the **alfresco/amps_share** directory.
5. Use **<alfresco directory>/manager-windows.exe** to stop Tomcat and postgres.
6. Open cmd window and navigate to the **<alfresco directory>/bin** directory
Run **apply_amps.bat -verbose -force**
(You might have to hit enter to keep this running.).
7. Once amps finishes installing, start Tomcat and postgres with **<alfresco directory>/manager-windows.exe**.
8. Test by running **localhost:8080/share**.
Log into Alfresco with your Alfresco username and password.
Click on **My files** in the top menu.
Click on **upload** to a file. After the file is uploaded, scroll to the bottom of the page and click on the uploaded file link.
(This should open a Document Details page with the VirtualViewer.)

Configuring Alfresco Share to Use Alternate Viewers

Use the **web-preview.get.config.xml** file to configure Alfresco Share to use alternate viewers to launch files based on MIME type. Here is a link to the source:

<https://github.com/SnowboundSoftware/alfresco-snowbound-integration/blob/master/snowbound-share/src/main/resources/alfresco/web-extension/site-webscripts/org/alfresco/components/preview/web-preview.get.config.xml>

Troubleshooting

Installation Issues

If you have trouble with your installation, please see the following troubleshooting tips:

- If the output to the console is “File not found”, this could be related to the permission levels of the installation. Full Control is recommended.
- If you are having trouble loading a document, please make sure that the Snowbound license file, **SnowboundLicense.jar**, is stored in the **VirtualViewerJavaHTML5\WEB-INF\lib** directory.
- If `localhost:8080/share` returns a `404: not found` error, it could be because, during installation, Tomcat was running when `apply_amps` was run. Rerun installation with Tomcat stopped while running `apply_amps`.

There is a difference between Alfresco 4 and Alfresco 5. Change the `ticket.get.js` web-script. Alfresco 5 does not use the session variable.

Please change `<alfresco>/tomcat/webapps/alfresco/WEB-INF/classes/alfresco/extension/templates/webscripts/org/content/integrations/snowbound/ticket.get.js` to this for Alfresco 4.x:

```
function main()
{
var ticket = session.getTicket();
model.ticket = ticket;
}
main();
```

Caching Issue

When caching is turned on, the Alfresco **Upload New Version** button will not display the updated document correctly. VirtualViewer will display the older version until the document is cleared from the cache. This will cause the `FileContentHandler` `getDocumentContent` method to update the cache. This is a known issue and will be corrected in VirtualViewer V4.5.

You can set the `documentCacheSize` parameter to 0 in the `web.xml` to force VirtualViewer not to cache and the uploaded new version will display correctly.

For example:

```
<init-param>  
<param-name>documentCacheSize</param-name>  
<param-value>0</param-value>  
</init-param>
```