

Network-Specific: HMS to 1.19.2

HMS sites should only need to upgrade the SHRINE webclient, shrine.war, and shrine-proxy.war. The SHRINE Data Steward and its related installation /upgrade tasks are not used on the HMS SHRINE network. These instructions are based on the instructions in the general [Upgrading SHRINE to 1.22.8 \(from 1.20-1.21\)](#) article.

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Shut Down SHRINE

Before starting the upgrade process, make sure SHRINE's Tomcat is not running. Leaving it running during this process can cause problems. Simply run the following command:

```
$ shrine_shutdown
```

If the above command is not found, try the following instead:

```
$ /opt/shrine/tomcat/bin/shutdown.sh
```

Create Backups

Now that SHRINE is stopped, it is a good idea to back up the current versions of the components we will be upgrading. The exact method for making this backups may vary, but these instructions will place the backups in a folder called /opt/shrine/upgrade-backups.

Start by creating a folder to contain these backups:

```
$ mkdir /opt/shrine/upgrade-backups
```

Next, move the current SHRINE webapp to the backup location:

```
$ mv /opt/shrine/tomcat/webapps/shrine /opt/shrine/upgrade-backups/shrine
```

Next, move the current SHRINE proxy to the backup location:

```
$ mv /opt/shrine/tomcat/webapps/shrine-proxy /opt/shrine/upgrade-backups/shrine-proxy
```

Next, move the SHRINE webclient to that same backup location. Later on, we will be restoring i2b2_config_data.js from this backup. If you choose not to make any backups, make sure to at least keep a copy of **i2b2_config_data.js** and **js-i2b2/cells/SHRINE/cell_config_data.js**!

```
$ mv /opt/shrine/tomcat/webapps/shrine-webclient /opt/shrine/upgrade-backups/shrine-webclient
```

Deploy New shrine.war

Next, we will retrieve the new SHRINE webapp from the HMS Sonatype Nexus server at <http://repo.open.med.harvard.edu/nexus/content/groups/public/net/shrine/shrine-war/>. Navigate to the folder for 1.19.2. From there, download the shrine-war-1.19.2.war file to the webapps directory on the SHRINE server and rename it to shrine.war.

For example:

```
$ cd /opt/shrine/tomcat/webapps
$ wget http://repo.open.med.harvard.edu/nexus/content/groups/public/net/shrine/shrine-war/1.19.2/shrine-war-1.19.2.war -O shrine.war
```

Deploy New shrine-proxy.war

If you do not currently use SHRINE's proxy, you may skip this step.

The SHRINE proxy can be found on the HMS Sonatype Nexus server at <https://repo.open.med.harvard.edu/nexus/content/groups/public/net/shrine/shrine-proxy/>. Navigate to the folder for 1.19.2. From there, download the shrine-proxy-1.19.2.war to the webapps directory on the SHRINE server and rename it to shrine-proxy.war.

For example:

```
$ cd /opt/shrine/tomcat/webapps
$ wget https://repo.open.med.harvard.edu/nexus/content/groups/public/net/shrine/shrine-proxy/1.19.2/shrine-proxy-1.19.2.war -O shrine-proxy.war
```

Deploy New SHRINE Webclient

Unlike shrine.war and steward.war, the SHRINE webclient is retrieved from the releases folder of the HMS Subversion repository at <https://open.med.harvard.edu/svn/shrine/releases/>. The webclient is found at 1.19.2/code/shrine-webclient. Checkout or export this folder to /opt/shrine/tomcat/webapps.

For example:

```
$ cd /opt/shrine/tomcat/webapps
$ svn export https://open.med.harvard.edu/svn/shrine/releases/1.19.2/code/shrine-webclient/
```

Restore Webclient Backups

After this, restore the previous **i2b2_config_data.js** and **cell_config_data.js** files from your backup and place them in the new shrine-webclient folder:

```
$ cp /opt/shrine/upgrade-backups/shrine-webclient/i2b2_config_data.js /opt/shrine/tomcat/webapps/shrine-webclient/i2b2_config_data.js
$ cp /opt/shrine/upgrade-backups/shrine-webclient/js-i2b2/cells/SHRINE/cell_config_data.js /opt/shrine/tomcat/webapps/shrine-webclient/js-i2b2/cells/SHRINE/cell_config_data.js
```

shrine.conf Changes

Steward Naming Change

Users on the HMS SHRINE network will have to make a change to shrine.conf in order to accommodate a renamed property value.

In the queryEntryPoint block, change authorizationType from "data-steward" to "hms-steward":

```
queryEntryPoint {
  ...

  authorizationType = "hms-steward"

  ...
}
```

Start SHRINE

The only thing left to do at this point is start SHRINE back up. Simply do the following:

```
$ shrine_startup
```

If the above command is not found, try the following instead:

```
$ /opt/shrine/tomcat/bin/startup.sh
```

Verify SHRINE Upgrade

After starting SHRINE up, verify that the upgrade was properly deployed by checking the SHRINE Happy module. The exact address you will need to go to depends on your configuration, but the general format looks like the following:

```
https://your.shrine.host:6443/shrine/rest/happy/version
```

It may take a few seconds for the page to load, but after it does load, verify that the value for <shrineVersion> matches the version that was just deployed. If it is still displaying an old version, repeat steps 1 and 4 to redeploy the shrine.war file and start SHRINE again. Example output from this report for SHRINE 1.19.2 can be seen below:

```
<versionInfo>
  <shrineVersion>1.19.2</shrineVersion>
  <ontologyVersion>UNKNOWN</ontologyVersion>
  <adapterMappingsVersion>Unknown</adapterMappingsVersion>
  <scmRevision>(not available)</scmRevision>
  <scmBranch>UNKNOWN_BRANCH</scmBranch>
  <buildDate>2015-06-30 18:03:57</buildDate>
</versionInfo>
```