

SHRINE 4.1.0 Appendix A.9 - Starting and Stopping the Software

The appropriate software must be restarted whenever the configuration is modified.

Tomcat

Restart when server.xml, shrine.conf or override.conf are modified, or a new WAR file is put in place

Starting Tomcat:

Starting Tomcat

```
sudo -u shrine bash  
cd /opt/shrine/tomcat  
./bin/startup.sh
```

To deploy a new WAR file:

Deploying a new WAR file

```
sudo -u shrine bash  
./bin/shutdown.sh  
rm -fr ./webapps/shrine api*  
cp <Shrine war file> ./webapps  
./bin/startup.sh
```

Shibboleth

(Re)start when shibboleth2.xml or other Shibboleth configuration files are modified.

(Re)start Shibboleth

```
sudo -u root bash  
service shibd restart  
service httpd restart
```

Apache

Restart after restarting Shibboleth; or when there is a change in Apache configuration.

(Re)start Apache httpd

```
sudo -u root bash  
service httpd restart
```

NextStep:

[SHRINE 4.1.0 Appendix A.10 - Using SSO-Enabled Shrine](#)

