

# SHRINE Install Checklist - 1.22.8

This is a general checklist for you to keep track of your progress in the installation process. Feel free to print this out as a reference as you go along.

| Chapter | Task   |
|---------|--|
| 3       | <ul style="list-style-type: none"><li><input type="checkbox"/> Install Linux OS</li><li><input type="checkbox"/> Setup shrine system user</li><li><input type="checkbox"/> Add shrine user to sudoers file</li><li><input type="checkbox"/> Install standard packages (text editor, etc.)</li></ul>  |
| 4       | <ul style="list-style-type: none"><li><input type="checkbox"/> Install Apache Tomcat</li><li><input type="checkbox"/> Set correct permissions for Tomcat folders</li></ul>   |
| 5       | <ul style="list-style-type: none"><li><input type="checkbox"/> Install Java JDK</li><li><input type="checkbox"/> Setup Java variables</li></ul>  |
| 6       | <ul style="list-style-type: none"><li><input type="checkbox"/> Install MariaDB (MySQL)</li><li><input type="checkbox"/> Create shrine database user</li><li><input type="checkbox"/> Setup 4 SHRINE databases</li><li><input type="checkbox"/> Load schema into SHRINE databases</li><li><input type="checkbox"/> Grant all privileges to shrine database user</li><li><input type="checkbox"/> Template Tomcat's context.xml file</li></ul>                 |
| 7       | <ul style="list-style-type: none"><li><input type="checkbox"/> Install SHRINE application files<ul style="list-style-type: none"><li><input type="checkbox"/> shrine.war</li><li><input type="checkbox"/> shrine-proxy.war</li><li><input type="checkbox"/> shrine-dashboard.war</li><li><input type="checkbox"/> steward.war</li><li><input type="checkbox"/> shrine-metadata.war</li><li><input type="checkbox"/> shrine-webclient.zip</li></ul></li></ul> |
| 8       | <ul style="list-style-type: none"><li><input type="checkbox"/> Template shrine.conf file</li><li><input type="checkbox"/> Setup QEP user</li><li><input type="checkbox"/> Setup Shrine application user</li><li><input type="checkbox"/> Setup Data Steward (if needed)</li></ul>  |
| 9       | <ul style="list-style-type: none"><li><input type="checkbox"/> Configure the Data Steward application</li><li><input type="checkbox"/> Template cell_config_data.js file</li></ul>   |

|    |   |
|----|---|
| 10 | <ul style="list-style-type: none"> <li><input type="checkbox"/> Create SHRINE keystore</li> <li><input type="checkbox"/> Create certificate signing request (CSR)</li> <li><input type="checkbox"/> Import certificates <ul style="list-style-type: none"> <li><input type="checkbox"/> Hub CA cert</li> <li><input type="checkbox"/> Hub HTTPS cert</li> <li><input type="checkbox"/> Signed cert (from the CSR)</li> </ul> </li> <li><input type="checkbox"/> Configure keystore in shrine.conf</li> <li><input type="checkbox"/> Configure server.xml file</li> </ul>    |
| 11 | <ul style="list-style-type: none"> <li><input type="checkbox"/> Create shrine_ont user / schema in i2b2</li> <li><input type="checkbox"/> Grant all privileges to tables, sequences, and functions to shrine_ont user</li> <li><input type="checkbox"/> Create ontology tables</li> <li><input type="checkbox"/> Load schema into tables</li> <li><input type="checkbox"/> Configure database lookups for new schema</li> <li><input type="checkbox"/> Configure table_access table for new schema</li> <li><input type="checkbox"/> Setup Adapter Mappings file</li> </ul> |
| 12 | <ul style="list-style-type: none"> <li><input type="checkbox"/> Configure shrine.conf to point to i2b2 installation <ul style="list-style-type: none"> <li><input type="checkbox"/> PM cell</li> <li><input type="checkbox"/> ONT cell</li> <li><input type="checkbox"/> CRC cell</li> </ul> </li> <li><input type="checkbox"/> Add SHRINE project into i2b2pm table (pm_project_data)</li> <li><input type="checkbox"/> Add SHRINE CRC url into i2b2pm table (pm_cell_data)</li> <li><input type="checkbox"/> Configure ont-ds.xml file in i2b2</li> </ul>                 |
| 13 | <ul style="list-style-type: none"> <li><input type="checkbox"/> Establish IP firewall exception from node to network hub</li> <li><input type="checkbox"/> Establish a fully qualified domain name (FQDN) for node</li> <li><input type="checkbox"/> Configure shrine.conf to point to network hub</li> <li><input type="checkbox"/> Have network hub add your site as a downstream node</li> </ul>   |
| 14 | <ul style="list-style-type: none"> <li><input type="checkbox"/> Verify operation by signing into each application <ul style="list-style-type: none"> <li><input type="checkbox"/> Shrine webclient</li> <li><input type="checkbox"/> Shrine Data Steward application</li> <li><input type="checkbox"/> Shrine Dashboard application</li> </ul> </li> <li><input type="checkbox"/> Create a query topic in Data Steward application</li> <li><input type="checkbox"/> Execute a test query in the Shrine webclient with query topic</li> </ul>                               |