

# SHRINE 3.0.0 SHRINE Install Checklist

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 Java JDK</li><li><input type="checkbox"/> Setup Java variables</li></ul>
5	<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>
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"/> Customize Tomcat's context.xml file</li></ul>
7	<ul style="list-style-type: none"><li><input type="checkbox"/> Install SHRINE application<ul style="list-style-type: none"><li><input type="checkbox"/> shrine-api.war</li></ul></li></ul>
8	<ul style="list-style-type: none"><li><input type="checkbox"/> Customize shrine.conf file</li><li><input type="checkbox"/> Setup Shrine application user</li><li><input type="checkbox"/> Setup Data Steward</li></ul>
9	<ul style="list-style-type: none"><li><input type="checkbox"/> Configure the Data Steward user</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"/> Receive signed cert</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"/> Configure shrine.conf to point to the network hub</li> <li><input type="checkbox"/> Have network hub admin add your 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 application</li> <li><input type="checkbox"/> Shrine Data Steward application</li> <li><input type="checkbox"/> Shrine Legacy application</li> <li><input type="checkbox"/> Shrine Dashboard application</li> </ul> </li> <li><input type="checkbox"/> Create a query topic and run a query</li> </ul>