

# SHRINE 3.2.1 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                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| 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>                                                                                                                                                                                                                                                                                                                                      |

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| 10 | <input type="checkbox"/> Create SHRINE keystore<br><input type="checkbox"/> Create certificate signing request (CSR)<br><input type="checkbox"/> Receive signed cert<br><input type="checkbox"/> Import certificates <input type="checkbox"/> Hub CA cert<br><input type="checkbox"/> Hub HTTPS cert<br><input type="checkbox"/> Signed cert (from the CSR)<br><input type="checkbox"/> Configure keystore in shrine.conf<br><input type="checkbox"/> Configure server.xml file |
| 11 | <input type="checkbox"/> Setup Adapter Mappings file                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 12 | <input type="checkbox"/> Configure shrine.conf to point to i2b2 installation <input type="checkbox"/> PM cell<br><input type="checkbox"/> CRC cell<br><input type="checkbox"/> Add SHRINE project into i2b2pm table (pm_project_data)<br><input type="checkbox"/> Add SHRINE CRC url into i2b2pm table (pm_cell_data)<br><input type="checkbox"/>                                                                                                                               |
| 13 | <input type="checkbox"/> Configure shrine.conf to point to the network hub<br><input type="checkbox"/> Have network hub admin add your node                                                                                                                                                                                                                                                                                                                                     |
| 14 | <input type="checkbox"/> Verify operation by signing into each application <input type="checkbox"/> Shrine application<br><input type="checkbox"/> Shrine Data Steward application<br><input type="checkbox"/> Create a query topic and run a query                                                                                                                                                                                                                             |