

# LPM/SRR Automation Tool V9 LDAP authentication configuration (v2.0, Oct. 30, 2018)

**Step 1: Obtain the server certificate file from the LDAP server (binary .der format).**

Put it to the LPM/SRR Tool server. In our example below: `lbspta1_cert.der`.

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**Step 2: Import the certificate.**

On the tool server:

`# {LPM_HOME}/jre7/bin/keytool -import -keystore keystoreFile -file certificateFile` (in my example I named the file `test.keystore`)

where {LPM\_HOME} =..... /lpm\_aix or ...../lpm\_linux

It creates the keystore since it does not exist. It asks you to provide the password for the keystore, enter whatever password you prefer.

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**Step 3: Verification.**

Example:

`# ls -l`

`-rwxrwxrwx 1 padmin staff 746 Apr 12 00:59 lbspta1_cert.der`

`-rw-r--r-- 1 root staff 808 May 14 21:19 test.keystore`

`# /home/padmin/lpm_test/lpm_peg/lpm_aix/jre7/bin/keytool -list -v -keystore test.keystore`

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**Step 4: Modify the Tool configuration file.**

Modify the configuration file `:{LPM_HOME}/webapps/lpm/config/config.properties`

Example of LDAP config file:

`##LDAP Configure`

```
com.ibm.lbs.asset.lpm.login.use.ldap=true
## LDAP url
com.ibm.lbs.asset.lpm.login.ldap.connectionIP=x.x.x.x
#if the port is 389 ,we use ldap and if the port is 636 we use ldap over ssl
com.ibm.lbs.asset.lpm.login.ldap.connect.port=636
com.ibm.lbs.asset.lpm.login.ldap.principal=uid=%user%,ou=People,o=ibm
#com.ibm.lbs.asset.lpm.login.ldap.principal=%user%@somedomain.com
com.ibm.lbs.asset.lpm.login.ldap.trust.store=full_path_of_your_keystore_file
com.ibm.lbs.asset.lpm.login.ldap.store.password=your_keystore_password
```

```
<< === Enable LDAP authentication (default is false).
<< === LDAP server IP.
<< === LDAP server port to connect.
<< === Attributes in you environment.
<< === For some AD environment.
<< === keystore location from step 2.
<< === keystore password from step 2.
```

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**Step 5: Start/Restart the Tool.**

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**Step 6: Create users on the tool.**

The Admin will still be a local user. When you create other users, the tool assumes all other users are LDAP users and the tool will not ask for a password when you create the new user.

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