

Grouper LDAP Ldaptive SASL TLS

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Integrating Dockerized Grouper (2.5) with OpenLdap using SASL EXTERNAL bind with a Keystore

1. Generate a JKS or PKCS12 keystore with valid keys and certificates. The example uses a .p12 (PKCS) keystore file.
2. Put the keystore in /opt/grouperContainer/opt/grouper/grouperWebapp/WEB-INF/classes/

...or wherever you want to put it by other means. We created a separate mount and put it in /opt/grouper

3.

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4. Put this into grouper-loader.properties overlay:

```
ldap.personLdap.url = ldap://<yourldaphostname>.edu  
  
ldap.personLdap.configFileFromClasspath = ldap.personLdap.properties
```

(this assumes you're using 'personLdap' as the ldapServerId.value in subject.properties)

5. Put this into ldap.personLdap.properties:

```
org.ldaptive.ldapUrl=ldap://<yourldaphostname>.edu  
  
org.ldaptive.useStartTLS=true  
  
org.ldaptive.bindSaslConfig={mechanism=EXTERNAL}  
  
org.ldaptive.credentialConfig=org.ldaptive.ssl.KeyStoreCredentialConfig{{keyStore=file:/<path_to_file>/grouper.p12}{keyStoreType=pkcs12}{keyStorePassword=<secret>}}
```

6. The rest should be the normal LDAP integration.