

PrivacyLens Build Documentation

PrivacyLens is not used by CommIT. This shell history is purely informational for revisiting this decision in the future.

```
993 curl -O http://shibboleth.net/downloads/identity-provider/latest/shibboleth-identityprovider-2.4.0-bin.tar.gz
994 tar -xvfz shibboleth-identityprovider-2.4.0-bin.tar.gz
995 gunzip shibboleth-identityprovider-2.4.0-bin.tar.gz
996 tar -xvf shibboleth-identityprovider-2.4.0-bin.tar
997 cd shibboleth-identityprovider-2.4.0
998 git clone https://github.com/cmu-cylab-privacylens/PrivacyLens
1002 git clone https://github.com/Internet2/CommIT-Shibboleth
1003 rm -Rf src/main/webapp/
1004 cp -R CommIT-Shibboleth/src/main/webapp/ src/main/webapp
1005 yum install mysql
1006 cd PrivacyLens/
1024 curl -O http://mirror.sduunix.com/apache/maven/maven-3/3.2.1/binaries/apache-maven-3.2.1-bin.zip
1025 unzip apache-maven-3.2.1-bin.zip
1026 cd apache-maven-3.2.1
1027 vi README.txt
1028 echo $PATH
1029 pwd
1040 export PATH=/opt/shibboleth-identityprovider-2.4.0/PrivacyLens/apache-maven-3.2.1/bin:$PATH
1043 mvn package
1044 cd target/
1045 mv uApprove-2.5.0.zip /opt/
1046 cd /opt/
1047 unzip uApprove-2.5.0.zip
1048 cd uApprove-2.5.0
1049 cp lib/* .jar /opt/shibboleth-identityprovider-2.4.0/lib/
1050 cp lib/jdbc/* .jar /opt/shibboleth-identityprovider-2.4.0/lib/
1051 cp lib/jdbc/optional/mysql-connector-java-5.1.25.jar /opt/shibboleth-identityprovider-2.4.0/lib/
1052 ls -Al /opt/shibboleth-identityprovider-2.4.0/lib/
1053 cp manual/configuration/uApprove.* /opt/shibboleth-idp/conf/
1054 mkdir /opt/shibboleth-identityprovider-2.4.0/src/main/webapp/uApprove
1056 cp -R webapp/* /opt/shibboleth-identityprovider-2.4.0/src/main/webapp/uApprove/
1073 yum install mysql-server
1074 /etc/init.d/mysqld start
1075 mysqladmin -u root password '*****'
1077 /usr/bin/mysql_secure_installation
1080 mysqladmin -p create uApprove
mysql --user=root -p uApprove
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 5.5.37 MySQL Community Server (GPL)
```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> CREATE USER 'uApprove'@'localhost' IDENTIFIED BY '*****';
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> GRANT ALL PRIVILEGES ON . TO 'uApprove'@'localhost' WITH GRANT OPTION;
Query OK, 0 rows affected (0.00 sec)
```

```
root@ip-10-253-24-7 uApprove-2.5.0# mysql --user=root -p uApprove < manual/storage/terms-of-use-schema.sql
Enter password:
root@ip-10-253-24-7 uApprove-2.5.0# mysql --user=root -p uApprove < manual/storage/attribute-release-schema.sql
Enter password:
```

```
1085 cd /opt/shibboleth-identityprovider-2.4.0
1086 vi src/main/webapp/WEB-INF/web.xml (and add all the filters and servlet definitions for uApprove)
```