

1. TechEx2019 - Installation

Installation

Section Topics

Compilation and installation of the OpenID Connect plugin is done per the following instructions:

- <https://github.com/CSCfi/shibboleth-idp-oidc-extension/wiki/Installing-from-archive>

We will review the installation steps but use the pre-installed virtual machines for the remainder of the course.

Exercises

Exercise 1.2 - Initial configuration

First configuration

1. Become root and set the environment variables

```
[/opt/shibboleth-idp] sudo -i  
[/opt/shibboleth-idp] source /etc/default/shibboleth-idp
```

2. Set your Shibboleth IdP issuer that is used as your OpenID Provider identifier. Use the IP address provided to you by course personnel

```
nano /opt/shibboleth-idp/conf/idp-oidc.properties  
  
# Set the Open ID Connect Issuer value  
idp.oidc.issuer = https://xx.xx.xx.xx
```

3. Verify the necessary keys. The necessary cryptographic keys are automatically created for you. In actual use you must create your own set of keys. Use https://IP_ADDRESS/idp/profile/oidc/keyset to view the used keys.
4. Verify the logging level for the OpenID extension. More detailed options available in the extension wiki.

```
nano +40 /opt/shibboleth-idp/conf/logback.xml  
  
<!-- ===== -->  
<!-- ===== Logging Categories and Levels ===== -->  
<!-- ===== -->  
  
<logger name="org.geant" level="ALL"/>
```

5. Restart the IdP to apply the configured settings.

Hints, Tips and Result

```
[root@gn43-oidcshibop-devel vagrant]# systemctl stop shibboleth-idp  
[root@gn43-oidcshibop-devel vagrant]# systemctl start shibboleth-idp
```