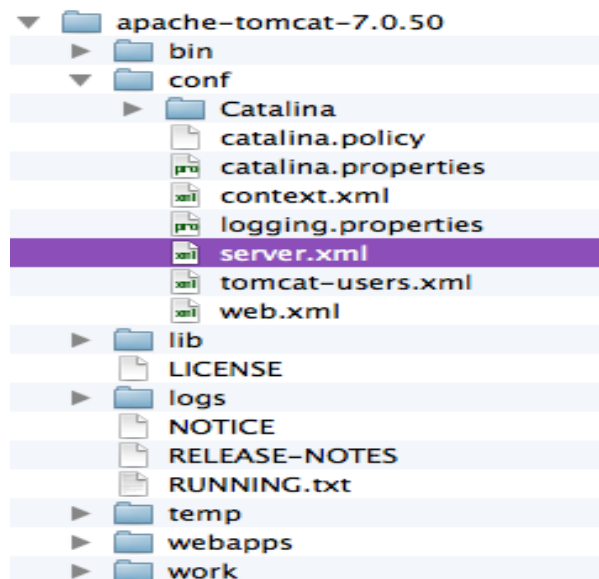


Steps to run the Floodlight Firewall Dashboard on local/native or remote system

Please follow the respective section to run the dashboard on native system (Floodlight and Dashboard both running on same system) or on remote system (Floodlight and Dashboard running on different system)

- **On native system**

1. Copy the *FloodlightFirewallDashboard.war* file in the *webapps* directory of Apache Tomcat.
2. Floodlight by default runs on port 8080 and Apache Tomcat by default runs on 8080 as well. Please change the port on which Apache Tomcat will run. We can change the port in the *server.xml* of Apache Tomcat.

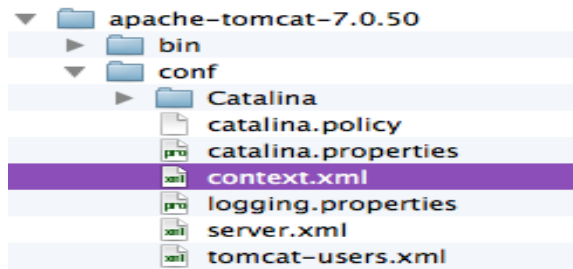


In *server.xml*, change the connector property, as follows:

```
<!-- A "Connector" represents an endpoint by which requests are received
and responses are returned. Documentation at :
Java HTTP Connector: /docs/config/http.html (blocking & non-blocking)
Java AJP Connector: /docs/config/ajp.html
APR (HTTP/AJP) Connector: /docs/apr.html
Define a non-SSL HTTP/1.1 Connector on port 8080
-->
<Connector connectionTimeout="20000" port="8080" protocol="HTTP/1.1" redirectPort="8443"/>
<!-- A "Connector" using the shared thread pool-->
<!--
```

Change it to available port which is not used by any other application, for example 8081.

3. Set the host and port in *context.xml* file in Apache Tomcat.



Add environment properties for host and port. Append the following lines with in <Context> tag of the context.xml. Here host IP is the host on which Floodlight is running, for native this will be 127.0.0.1 and port number is the port on which Floodlight is running, by default this is 8080.

```
<Environment name="floodlightHost" value="<host IP>"
type="java.lang.String" override="false"/>
<Environment name="floodlightPort" value="8080" type="java.lang.Integer"
override="false"/>
```

4. Run tomcat using the startup.sh script present in Tomcat bin folder.
5. Got to <http://localhost:8080/FloodlightFirewallDashboard/index.html>

- **On remote system**

1. Skip step number 2 in the native system steps
2. In step number 3, set the host IP of Floodlight application as per the host on which Floodlight is running. No need to change the port, since by default port is 8080 for Floodlight.
3. Follow same steps to start Tomcat and use the same link to launch dashboard.