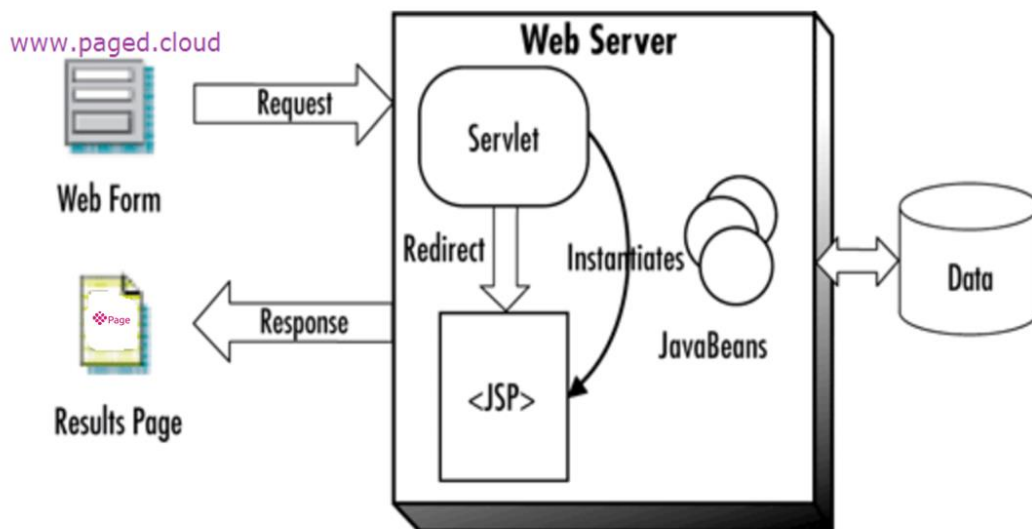# Installation and configuration Apache Tomcat

What is Apache Tomcat:

Apache Tomcat is an open-source implementation of the Java Servlet, JavaServer Pages, Java Expression Language and WebSocket technologies. Tomcat provides a "pure Java" HTTP web server environment in which Java code can run.

What is a Java servlet and how does it work:

Servlets are the Java programs that runs on the Java-enabled web server or application server. They are used to handle the request obtained from the web server, process the request, produce the response, then send response back to the web server. Properties of Servlets: Servlets work on the server-side.

Installation & Configuration:

```
# yum install java-1.8.0-openjdk-devel
# useradd -m -U -d /opt/tomcat -s /bin/false tomcat

# yum install tomcat
# yum install tomcat-webapps tomcat-admin-webapps
# yum install tomcat-docs-webapp tomcat-javadoc

# systemctl start tomcat
# systemctl restart tomcat
# systemctl enable tomcat
#  systemctl status tomcat

# firewall-cmd --permanent  --add-port=8080/tcp
# firewall-cmd --reload
# systemctl restart tomcat
```

CATALINA HOME: /usr/share/tomcat/webapps

http://192.168.0.150:8080/sample/