

## Project 6 | 1st February 2021

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For any doubts regarding the assignment, ask questions in the AWS Group in the Community.

Submit Assignments by **7th February 2021 11:59 PM.**

Assignment Submit Form: <https://forms.gle/Hgkz3CoTcUr5KA689>

**Submit assignments in Appropriate Dropdowns.**

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**Project Name:** Installing and Configuring Apache tomcat server on Linux

- 1. Install java
  - yum install java-1.8\*
  
- 2. Install tomcat
  - cd /opt
  
  - wget  
<https://mirrors.estointernet.in/apache/tomcat/tomcat-8/v8.5.61/bin/apache-tomcat-8.5.61.tar.gz>
  
  - tar -zxvf apache-tomcat-8.5.61.tar.gz
  
  - Modify permissions for startup.sh and shutdown.sh
  - chmod +x startup.sh
  - chmod +x shutdown.sh
  
  - Create a softlink
  - ln -s path /usr/bin/tomcatup
  - ln -s path /usr/bin/tomcatdown
  - Change the port to 8090
  - edit server.xml
  - vi server.xml
  - check configuration in 8090
  - edit context.xml to allow manager apps access

- vi context.xml
- comment VAlve
  
- Add users and roles to tomcat-users.xml
- vi tomcat-users.xml
  
- Add the following roles
  - `<role rolename="manager-gui"/>`
  - `<role rolename="manager-script"/>`
  - `<role rolename="manager-jmx"/>`
  - `<role rolename="manager-status"/>`
  - `<user username="admin" password="vino123" roles="manager-gui,manager-script,manager-jmx,manager-status"/>`
  - `<user username="deployer" password="vino123" roles="manager-script"/>`
  - `<user username="tomcat" password="vino123" roles="manager-gui"/>`
  
- Give a restart and check for web application manager

## FAQs

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### **Q. What needs to be uploaded?**

Above mentioned screenshots should be uploaded

### **Q. How to upload a project?**

- A.
- 1.Take the screenshots
  - 2.Upload the screenshots in day wise folders in the drive or GitHub
  - 3.Share the link in the google form.

### **Q. When do I submit the project and how?**

- A. The assignments for the week should be submitted by Sunday at 11:59 PM IST.

### **Q. Where do I get class links for the next session?**

- A. All sessions will be Live on the Learning Management System. It will be also updated in the Community Group in the pinned post.

### **Q. I have some doubt, who do I ask?**

- A. Post your Queries on the community, someone will help you out.