**Jenkins**

**Change port number in jenkins :**

Go to installed path -> jenkins.xml->change the port number

**Configure Global Security :**

* **Allow users to sign up** : we can provide signup action to user - but not recognized to use
* **Anyone can do anything** : just hitting jenkins server anyone can do anything without authentication - but not recognized to use
* **Logged-in users can do anything** : In this option every logged in user will get full control of jenkins . but depending upon advance option we can provide read only access to anonymous user
* **Matrix-based security :** If you choose matrix based security atleast we need to add one user else jenkins. Then by adding users using manage user we can provide required access for particular user.
* **Project-based Matrix :** This is an extention to matrix based security this will provide addition al security using Access control lis(ACL). Here we can grant access to group or user to specified project.
  + If we selected project based then can go to general configuration of each job and can assign it to particular user or group
* **Role-based strategy :** need to use plug-in

**Manage user :**

Used to add or delete user

**Credential** : used to create global credential

We can different ways of credential like username password, ssh , certificate etc..

**Configuration management :**

* **System message :** used to change message of home page
* **# of executors :** we can change the number of executor .By default it will be 2 for master node.
* **SCM checkout retry count :** define how many times need to connect SCM to check if any changes done in SCM in particular interval of time (this will defined using POLL SCM)

**Configure credential :**

* we can exclude or include the providers like Folder , jenkins credentials provider
* we can exclude or include the types like username and password , SSH ,certificate , secrete text etc.

**Global tools Configurations :**

We can add JDK, Git, Maven , gradle , Ant etc , we can use installed one or also we can pick from site .

**Till Sep 25 Over**

**Jenkins Job creation steps :**