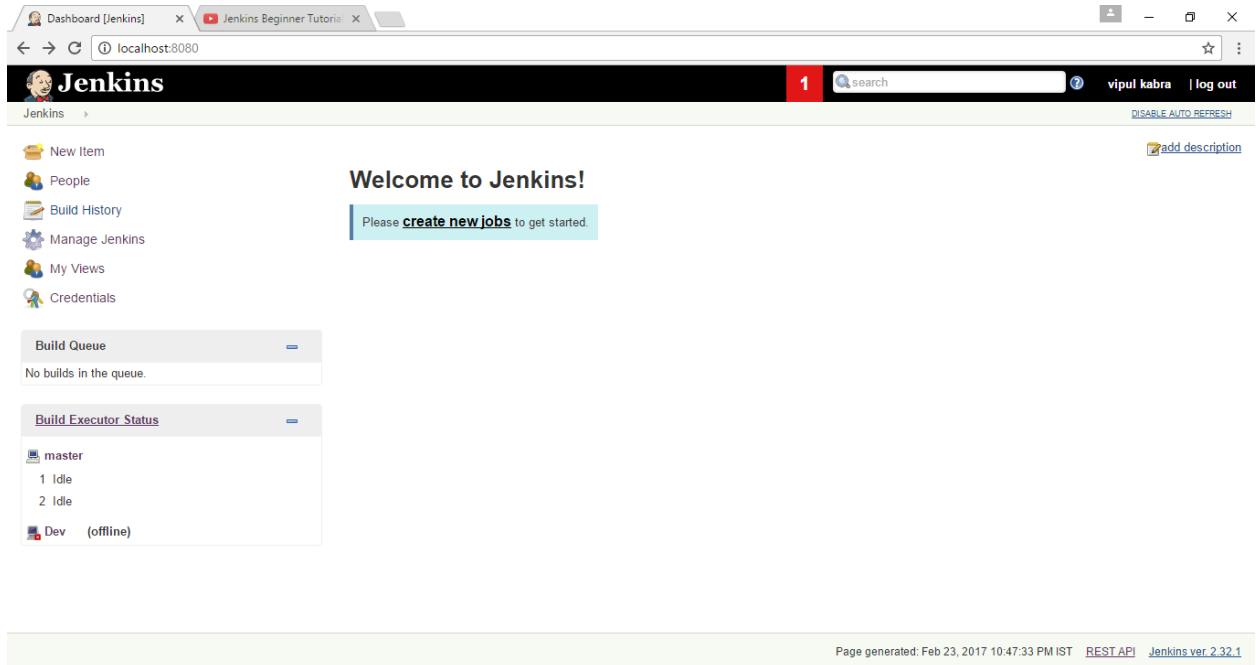


Jenkins- Create User /Manage and Assign role

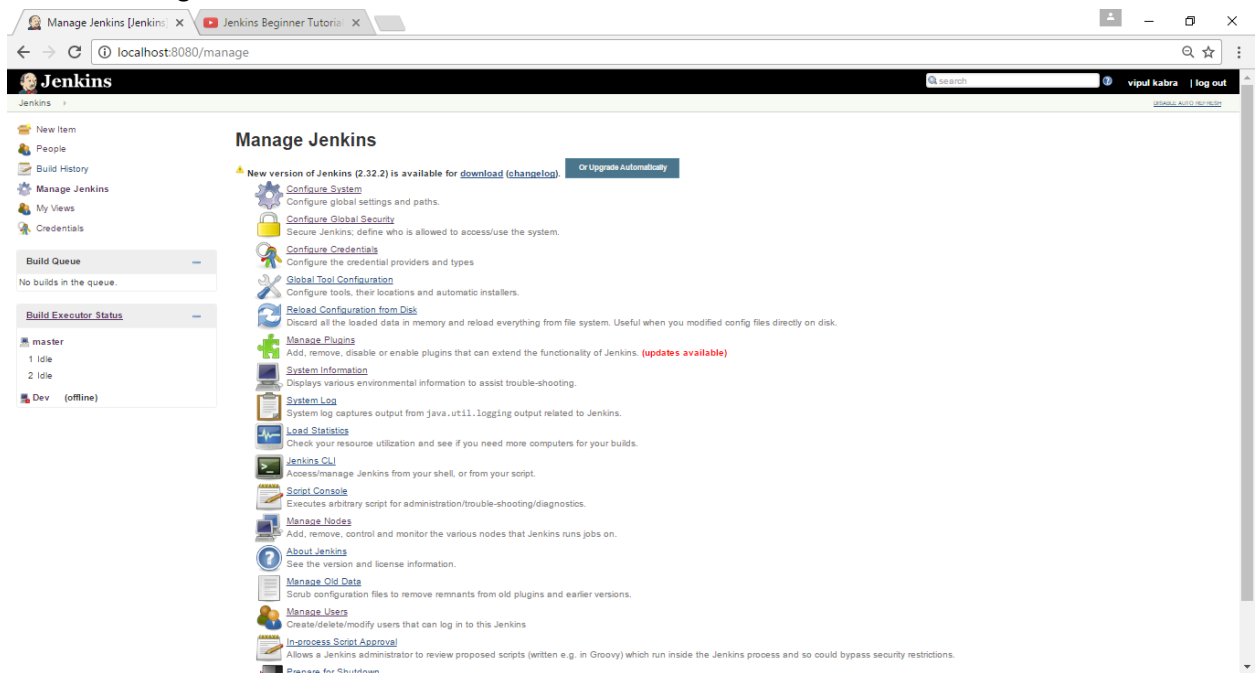
Create User

→ Login to Jenkin with your Admin User



The screenshot shows the Jenkins Dashboard in a web browser. The address bar indicates the URL is localhost:8080. The Jenkins logo is in the top left, and the user 'vipul kabra' is logged in, with a 'log out' link. A search bar is in the top right. On the left sidebar, there are links for 'New Item', 'People', 'Build History', 'Manage Jenkins', 'My Views', and 'Credentials'. The main content area has a 'Welcome to Jenkins!' message with a button to 'create new jobs'. Below this, there are two sections: 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing 'master' with 1 idle and 2 idle executors, and 'Dev' as offline). At the bottom, a footer states 'Page generated: Feb 23, 2017 10:47:33 PM IST' and provides links for 'REST API' and 'Jenkins ver 2.32.1'.

→Go to Manage Jenkin



The screenshot shows the 'Manage Jenkins' page in the web browser. The address bar is localhost:8080/manage. The left sidebar is the same as the dashboard. The main content area is titled 'Manage Jenkins' and features a 'New version of Jenkins (2.32.2) is available for download (changelog)' notification with an 'Or Upgrade Automatically' button. Below this, there is a list of configuration options, each with an icon and a brief description: 'Configure System', 'Configure Global Security', 'Configure Credentials', 'Global Tool Configuration', 'Reload Configuration from Disk', 'Manage Plugins', 'System Information', 'System Log', 'Load Statistics', 'Jenkins CLI', 'Script Console', 'Manage Nodes', 'About Jenkins', 'Manage Old Data', 'Manage Users', 'In-process Script Approval', and 'Prepare for Shutdown'.

➔ Go to Manage user and create New , we create user for Manager here S

Create User [Jenkins] x Jenkins Beginner Tutorial x

localhost:8080/securityRealm/addUser

Jenkins Jenkins' own user database

Back to Dashboard Manage Jenkins Create User

Create User

Username: Vipul_Manager
Password: *****
Confirm password: *****
Full name: Vipul Kabra
E-mail address: vipul1984@gmail.com

Create User

Page generated: Feb 23, 2017 10:50:01 PM IST jenkins ver. 2.32.1

Similarly create many such users for Developer, Tester, and Support and so on

Users [Jenkins] x Jenkins Beginner Tutorial x

localhost:8080/securityRealm/

Jenkins Jenkins' own user database

Back to Dashboard Manage Jenkins Create User

Users

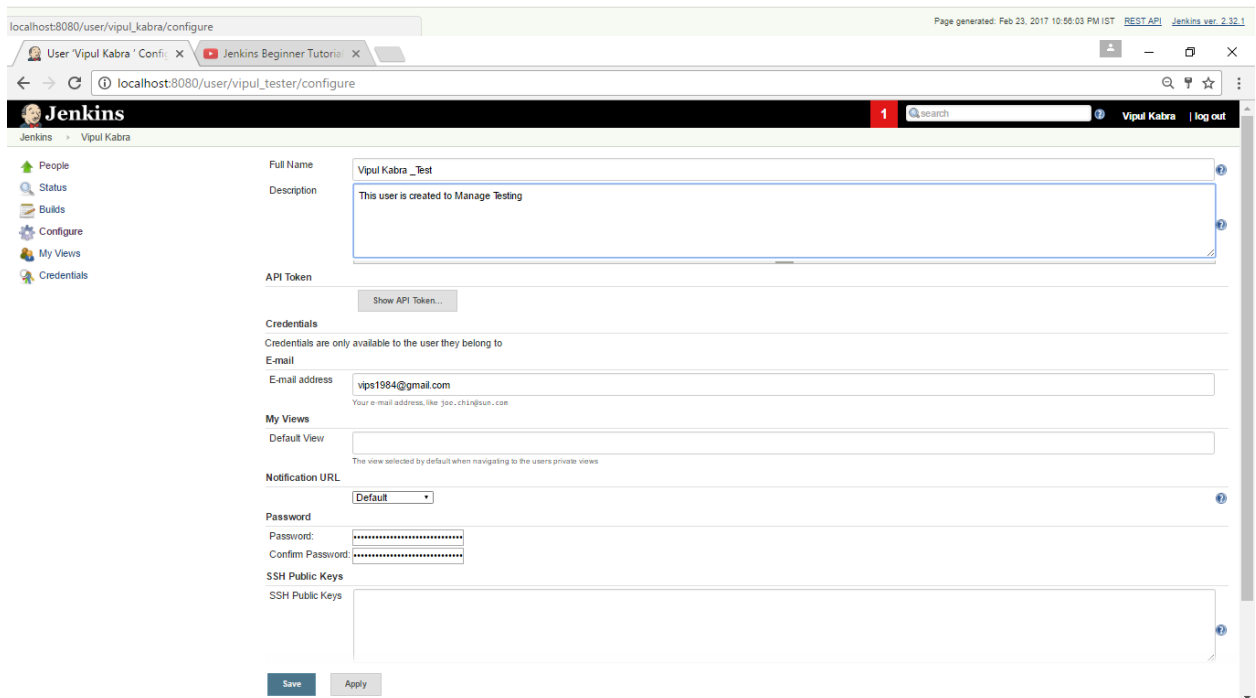
These users can log into Jenkins. This is a sub set of [this list](#), which also contains auto-created users who really just made some commits on some projects and have no direct Jenkins access.

User Id	Name
vipul_developer	Vipul Kabra
vipul_kabra	vipul kabra
Vipul_Manager	Vipul Kabra
Vipul_support	Vipul Kabra
vipul_tester	Vipul Kabra

Page generated: Feb 23, 2017 10:54:23 PM IST jenkins ver. 2.32.1

Configure User

➔ Go to configure option on Top right hand window next to User name as shown below

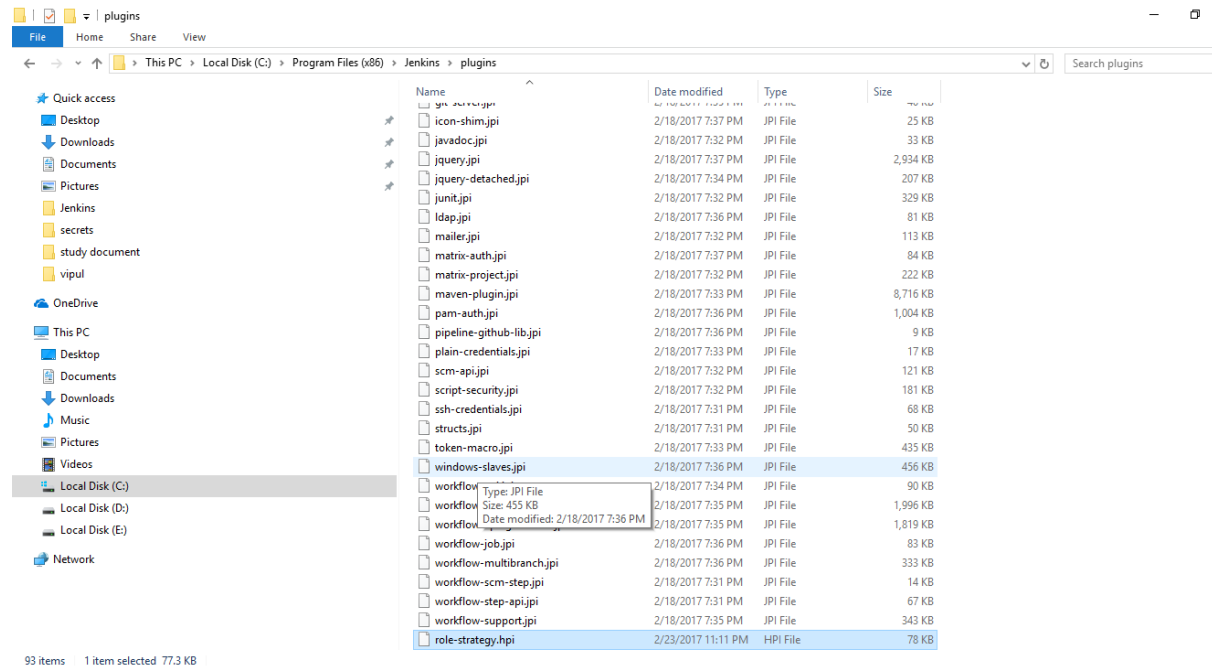


Can configure user name, short description to define role of user

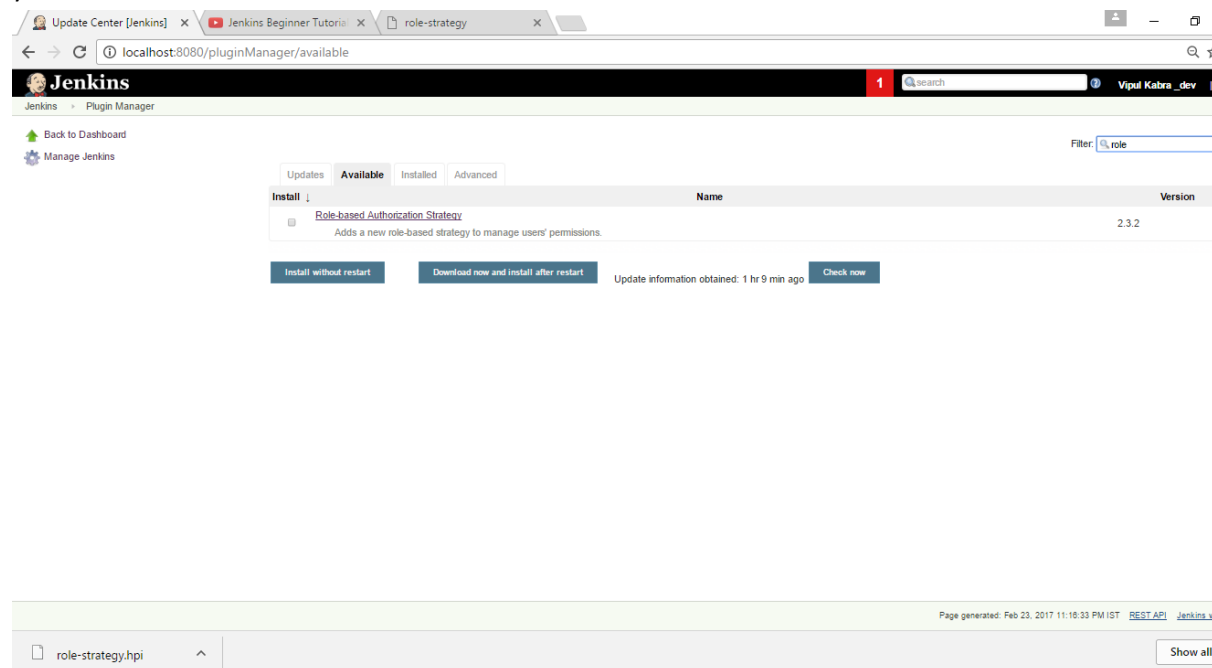
Manage Role

In order to Manage role you will need Plugin called “Roles based Strategy Plugin “ Installed
There are 3 ways to Download Plugin

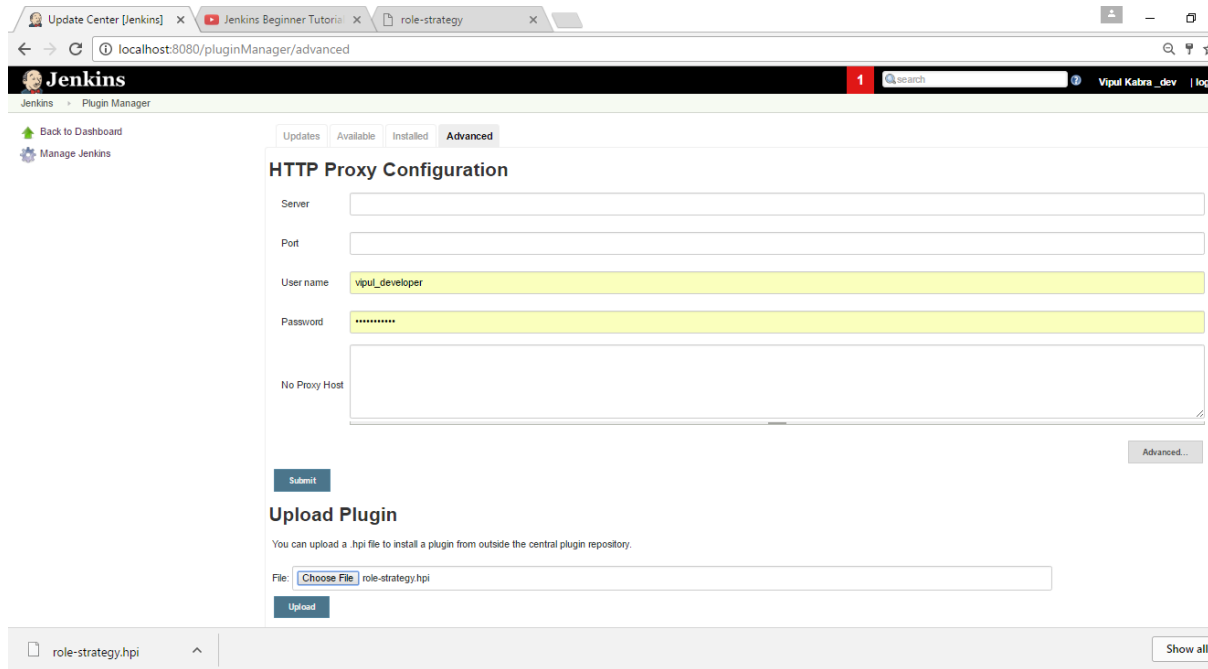
- 1) Search Plugin on Google and Download the file with .hpi extension and place the same in Jenkin folder plugin to restart your Jenkin



- 2) Go To Manage Jenkin → Manage Plugin → Available and search for Role based which you can install as shown below



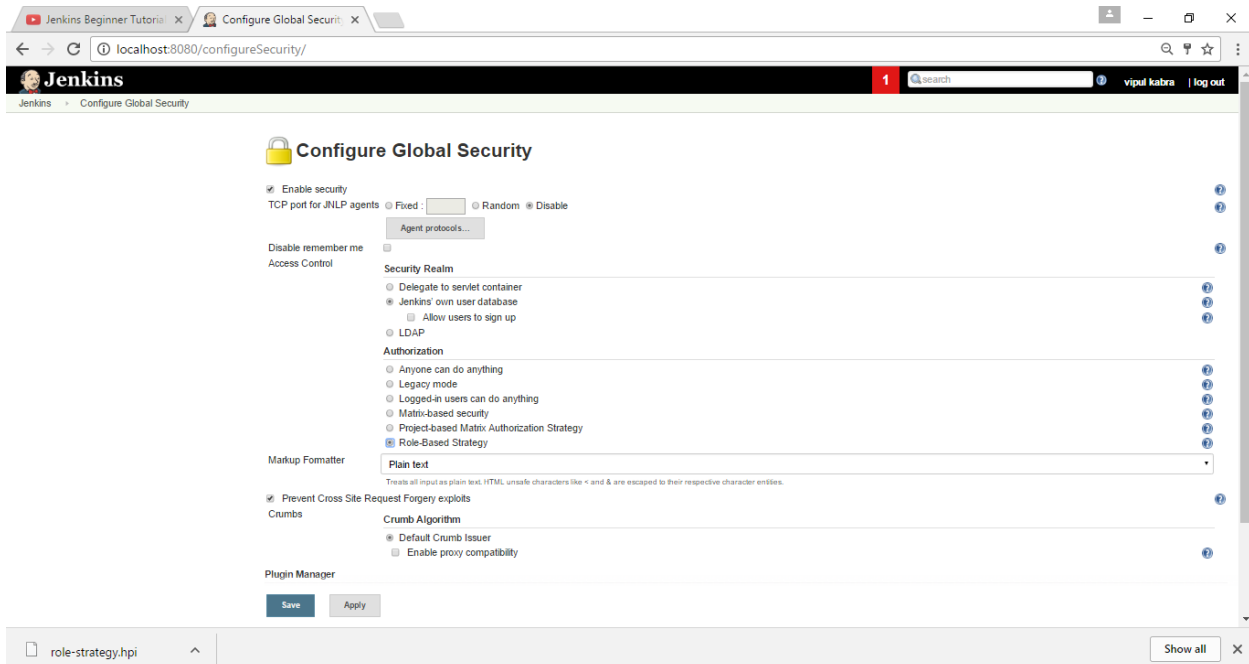
3) Go To Manage Jenkin → Manage Plugin → Advanced and upload plugin



The screenshot shows the Jenkins Plugin Manager interface in the 'Advanced' tab. The 'HTTP Proxy Configuration' section has fields for Server, Port, User name (vpu_developer), Password (masked with dots), and No Proxy Host. A 'Submit' button is at the bottom of this section. Below it is the 'Upload Plugin' section, which includes a text input for the file name (role-strategy.hpi) and an 'Upload' button. The bottom of the page shows a breadcrumb trail: 'role-strategy.hpi'.

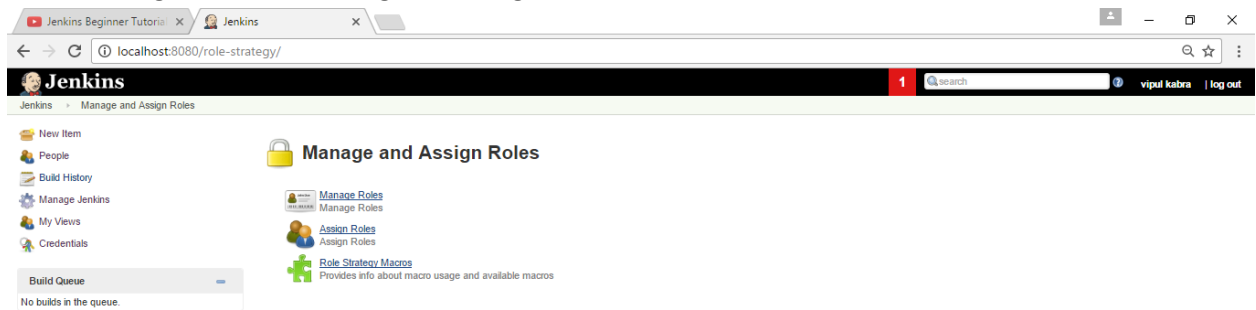
→ Go to Manage Jenkins → Configure Global Security

You need to make sure Enable Security is checked on and under Authorization Role based strategy is selected as shown below and Apply the changes

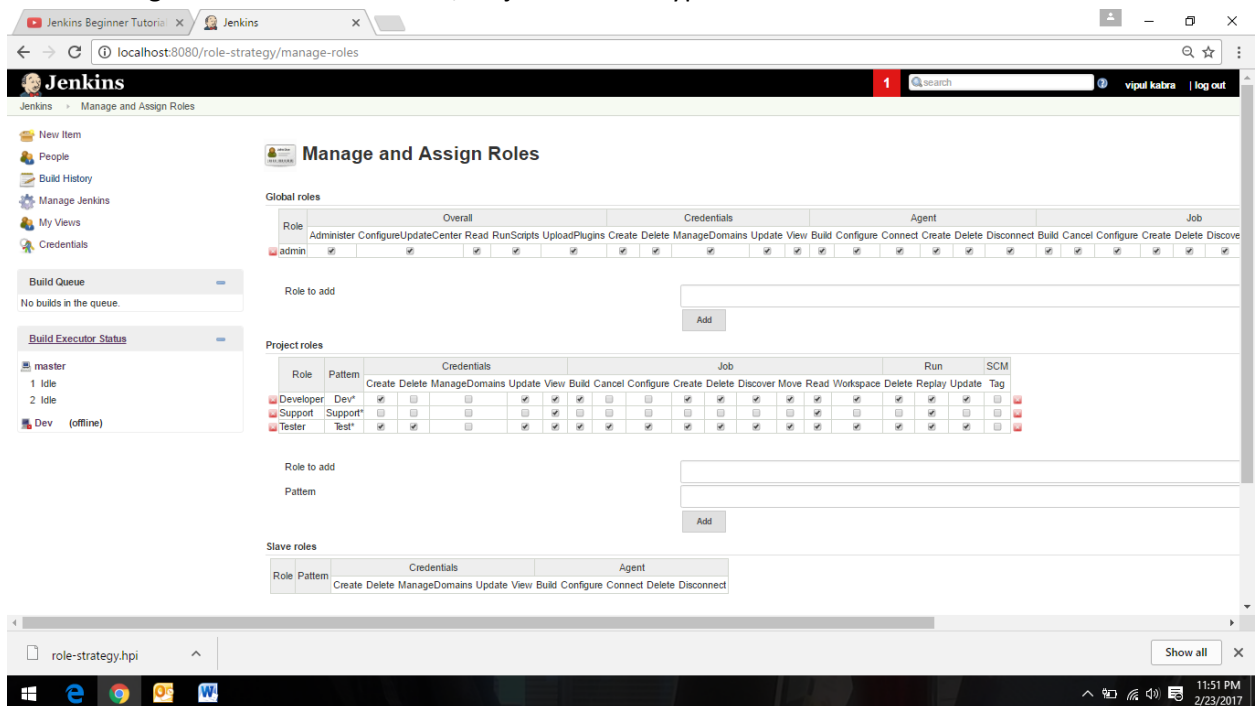


The screenshot shows the 'Configure Global Security' page in Jenkins. The 'Enable security' checkbox is checked. Under 'TCP port for JNLP agents', the 'Fixed' radio button is selected. The 'Agent protocols' dropdown is set to 'Jenkins'. Under 'Access Control', the 'Security Realm' is set to 'Jenkins' own user database. The 'Authorization' section has 'Role-Based Strategy' selected. The 'Markup Formatter' is set to 'Plain text'. The 'Prevent Cross Site Request Forgery exploits' checkbox is checked. The 'Crumb Algorithm' is set to 'Default Crumb Issuer'. The 'Plugin Manager' section is at the bottom. The bottom of the page shows a breadcrumb trail: 'role-strategy.hpi'.

➔ Go To Manage Jenkins→ Manage and Assign role



➔ Go to Manage Role and define Global/Project role and type of Access

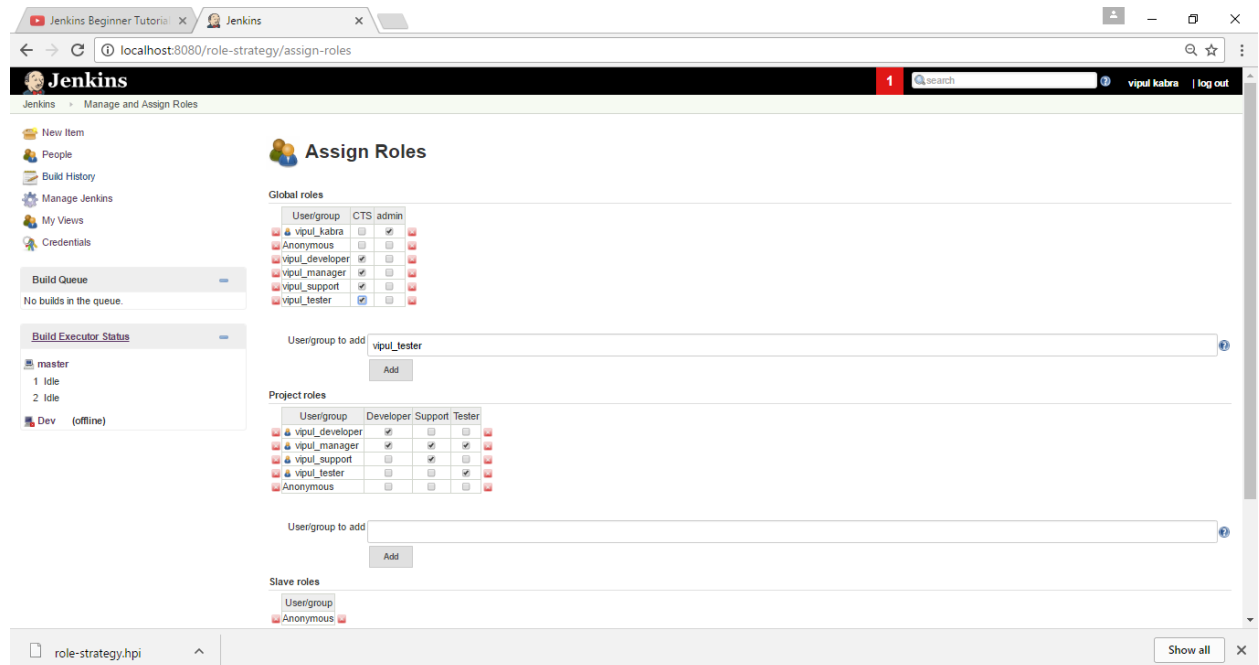


➔Assign Role

Before you Assign role try to login with User they will not allow to login unless we assign role



→ Go To Manage Jenkins → Manage and Assign role → Assign role
 Map user with role we created in Manage Role and define Global/Project role



Global roles

User/group	CTS	admin
vipul_kabra	<input type="checkbox"/>	<input type="checkbox"/>
Anonymous	<input type="checkbox"/>	<input type="checkbox"/>
vipul_developer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
vipul_manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>
vipul_support	<input checked="" type="checkbox"/>	<input type="checkbox"/>
vipul_tester	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Usergroup to add: vipul_tester

Project roles

User/group	Developer	Support	Tester
vipul_developer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
vipul_manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
vipul_support	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
vipul_tester	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anonymous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

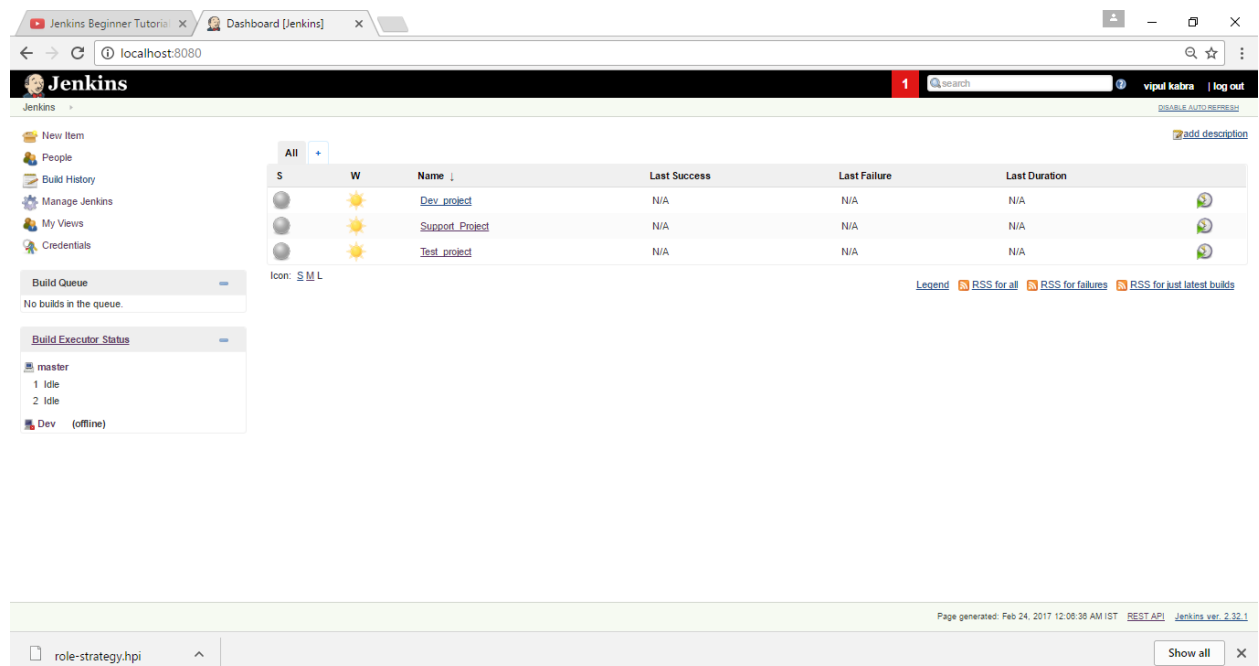
Usergroup to add:

Slave roles

User/group
Anonymous

What we have done is developer can access Dev project , tester can access Test , Support user can access support and Manager can access All Developer support and tester

→ Create Dev/Test/Support project space this is created on clicking New item on left hand side



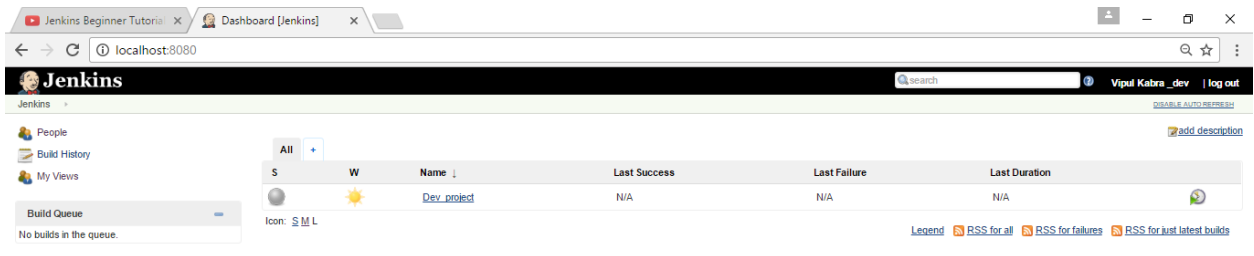
Projects Table:

S	W	Name	Last Success	Last Failure	Last Duration
		Dev project	N/A	N/A	N/A
		Support Project	N/A	N/A	N/A
		Test project	N/A	N/A	N/A

Icon: S M L

Page generated: Feb 24, 2017 12:06:38 AM IST | REST API | Jenkins ver: 2.32.1

Now When Developer user Login he will have access of DEV ,
 Similarly Tester will have access of Test ,
 Support will have access of support and
 Manager will have view of all Dev/Test/Support

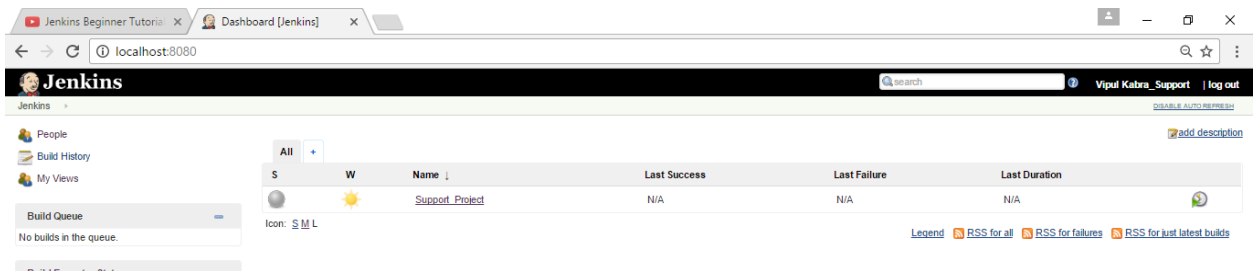


The screenshot shows the Jenkins Dashboard for the user Vipul Kabra_dev. The left sidebar contains links for People, Build History, My Views, and Build Queue. The main area displays a table of builds for the 'Dev_project'.

S	W	Name ↓	Last Success	Last Failure	Last Duration
		Dev_project	N/A	N/A	N/A

Icon:

Legend RSS for all RSS for failures RSS for just latest builds

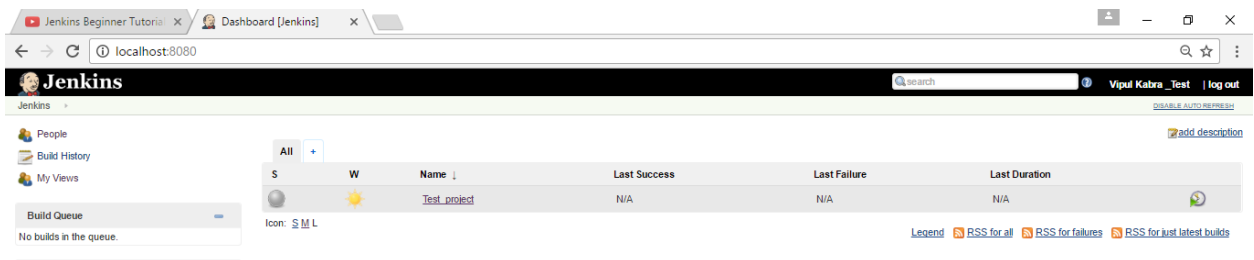


The screenshot shows the Jenkins Dashboard for the user Vipul Kabra_Support. The left sidebar contains links for People, Build History, My Views, and Build Queue. The main area displays a table of builds for the 'Support_Project'.

S	W	Name ↓	Last Success	Last Failure	Last Duration
		Support_Project	N/A	N/A	N/A

Icon:

Legend RSS for all RSS for failures RSS for just latest builds

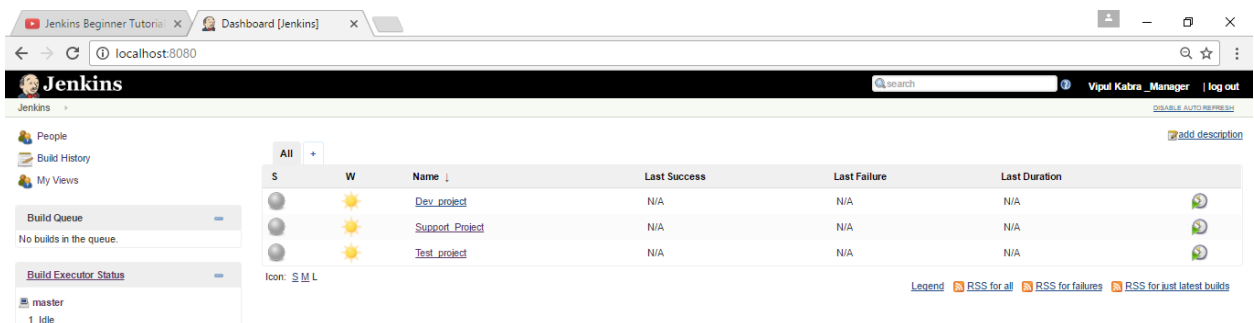


The screenshot shows the Jenkins Dashboard for the user Vipul Kabra_Test. The left sidebar contains links for People, Build History, My Views, and Build Queue. The main area displays a table of builds for the 'Test_project'.

S	W	Name ↓	Last Success	Last Failure	Last Duration
		Test_project	N/A	N/A	N/A

Icon:

Legend RSS for all RSS for failures RSS for just latest builds



The screenshot shows the Jenkins Dashboard for the user Vipul Kabra_Manager. The left sidebar contains links for People, Build History, My Views, Build Queue, and Build Executor Status. The main area displays a table of builds for all projects: 'Dev_project', 'Support_Project', and 'Test_project'.

S	W	Name ↓	Last Success	Last Failure	Last Duration
		Dev_project	N/A	N/A	N/A
		Support_Project	N/A	N/A	N/A
		Test_project	N/A	N/A	N/A

Icon:

Legend RSS for all RSS for failures RSS for just latest builds

Build Queue: No builds in the queue.

Build Executor Status:

- master: 1 Idle

