

## Module 5: Manage users on Jenkins.

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### Demo Document - 2

**edureka!**

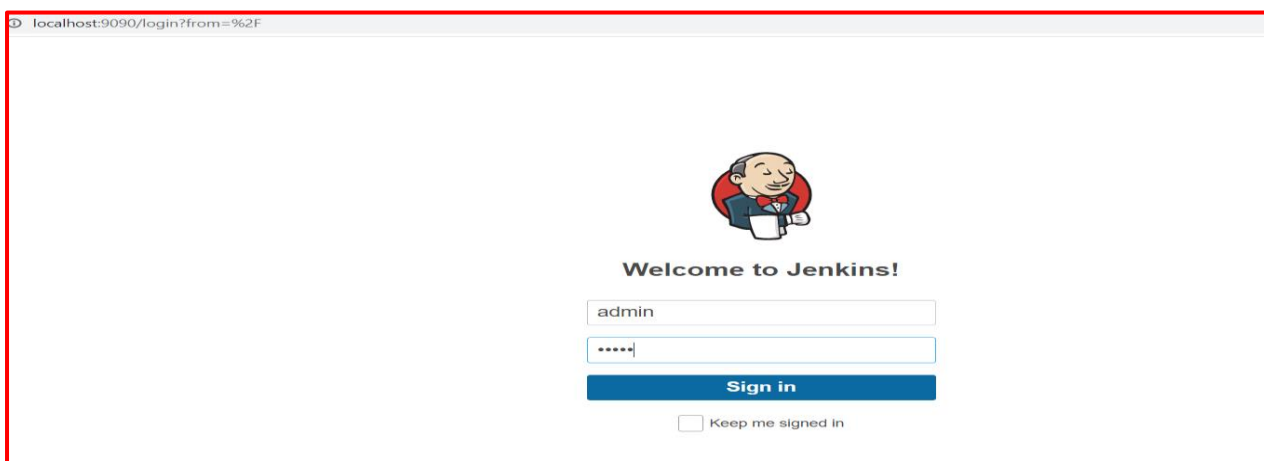
## Demo: Manage Users on Jenkins.

### Problem Statement:

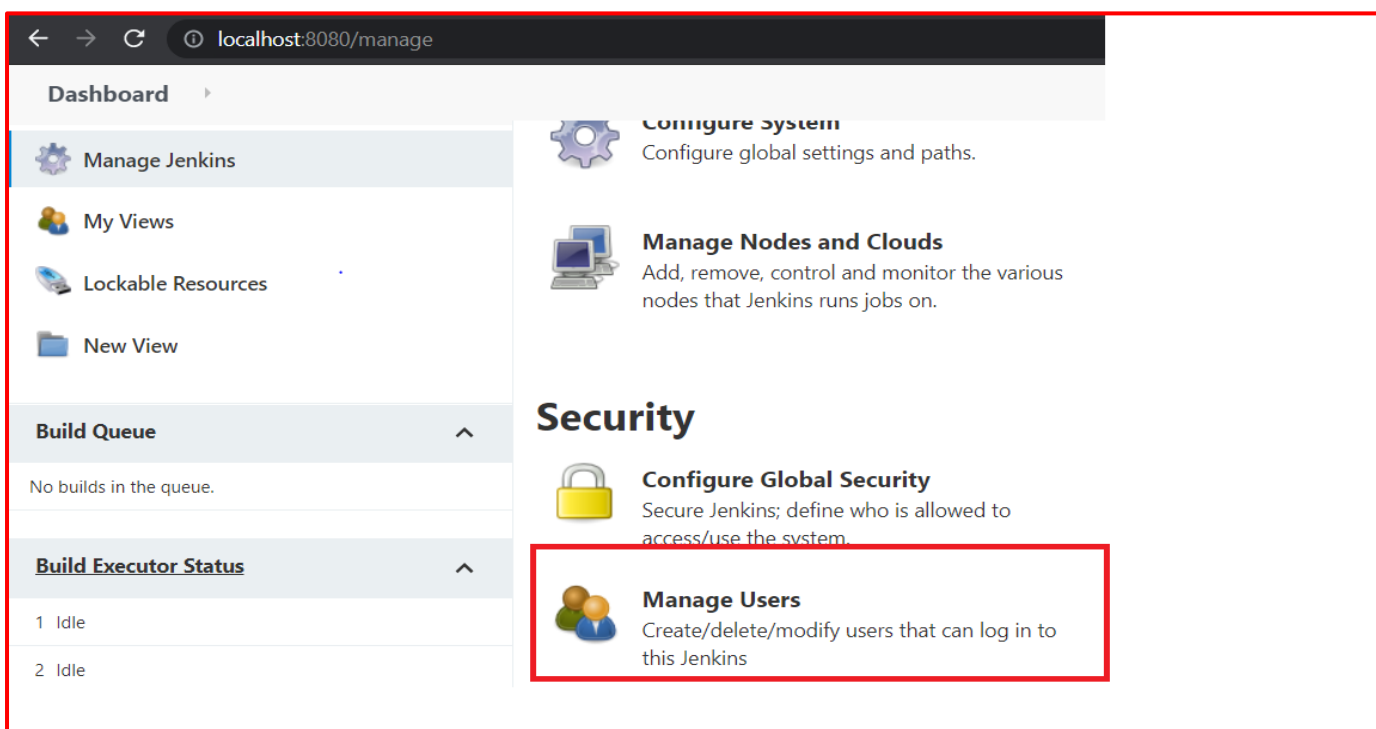
### How to create users on Jenkins.

### Solution Steps:

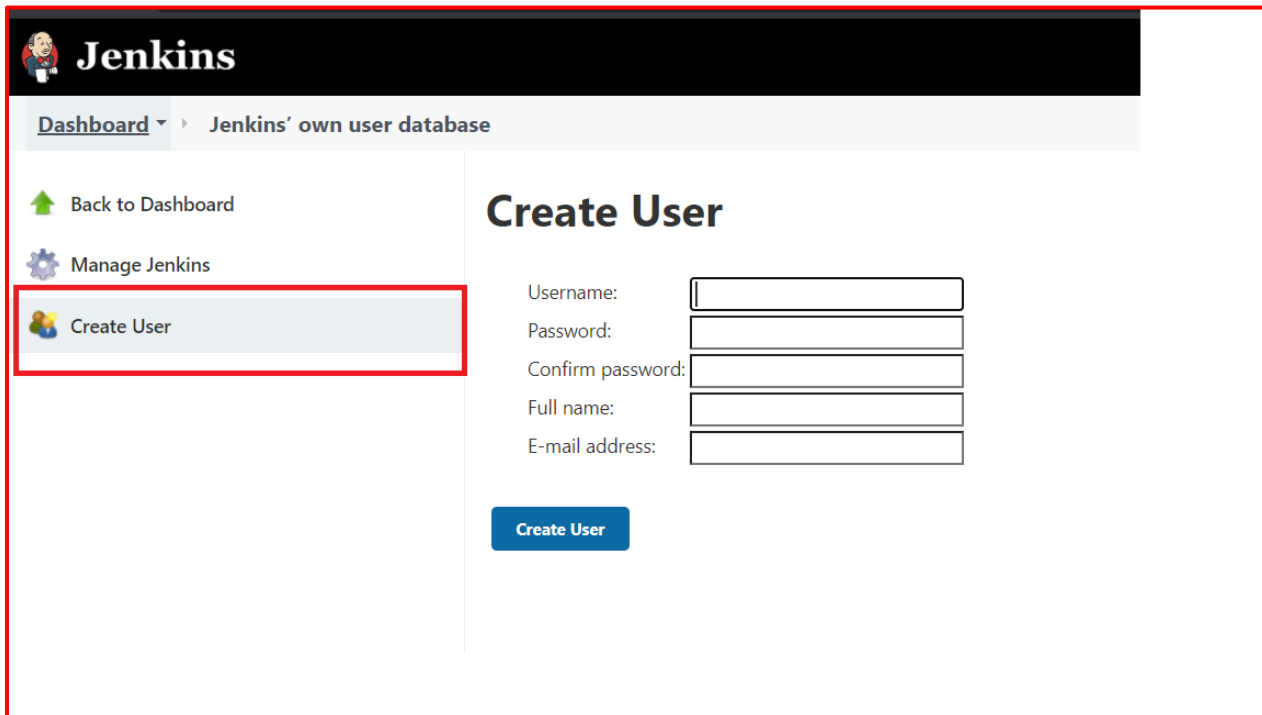
1. Login to your Jenkins console using your **'USER ID'** and **'Password'**.



2. Now on your Jenkins Dashboard select **'Manage Jenkins'** from the left side menu. You are now landed on 'Manage Users' homepage as shown in below screenshot. Now click on **'Manage users'** option.

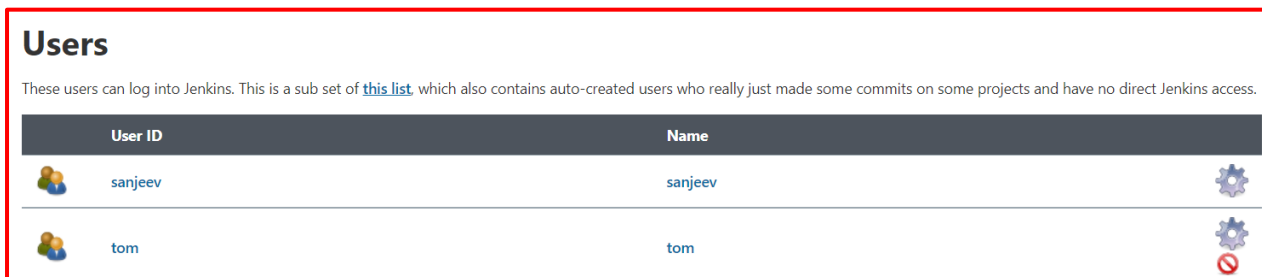


3. Now click on **create** user option and fill the required details.



The screenshot shows the Jenkins 'Create User' page. The left sidebar contains links: 'Back to Dashboard', 'Manage Jenkins', and 'Create User' (which is highlighted with a red box). The main content area is titled 'Create User' and contains five input fields: 'Username:', 'Password:', 'Confirm password:', 'Full name:', and 'E-mail address:'. Below these fields is a blue 'Create User' button.

4. You can verify the User created as per that below screenshot.



The screenshot shows the Jenkins 'Users' page. It includes a table with two users: 'sanjeev' and 'tom'. Each user row has a gear icon for configuration and a red circle with a slash for removal.

User ID	Name
sanjeev	sanjeev
tom	tom






### **Problem Statement:**

#### **How to remove users on Jenkins.**

1. If User needs to be **removed/deleted**, please click on **gear icon** as shown in the below screenshot in the user's section of Jenkins.

## 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	
 sanjeev	sanjeev	
 sanjeev1	sanjeev1	 


- Now click on the **delete option** to delete the user as show in below screenshot.


## Jenkins


Dashboard > Jenkins' own user database > sanjeev1


 People

 Status

 Builds

 Configure

 My Views

 Delete

Full Name

sanjeev1

Description

API Token

Current token(s)

There are no registered tokens for this user.



Credentials

Credentials are only available to the user they belong to

- Verify the user once you click on delete option and check the user list as shown in the screenshot.

# 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
 sanjeev	sanjeev 

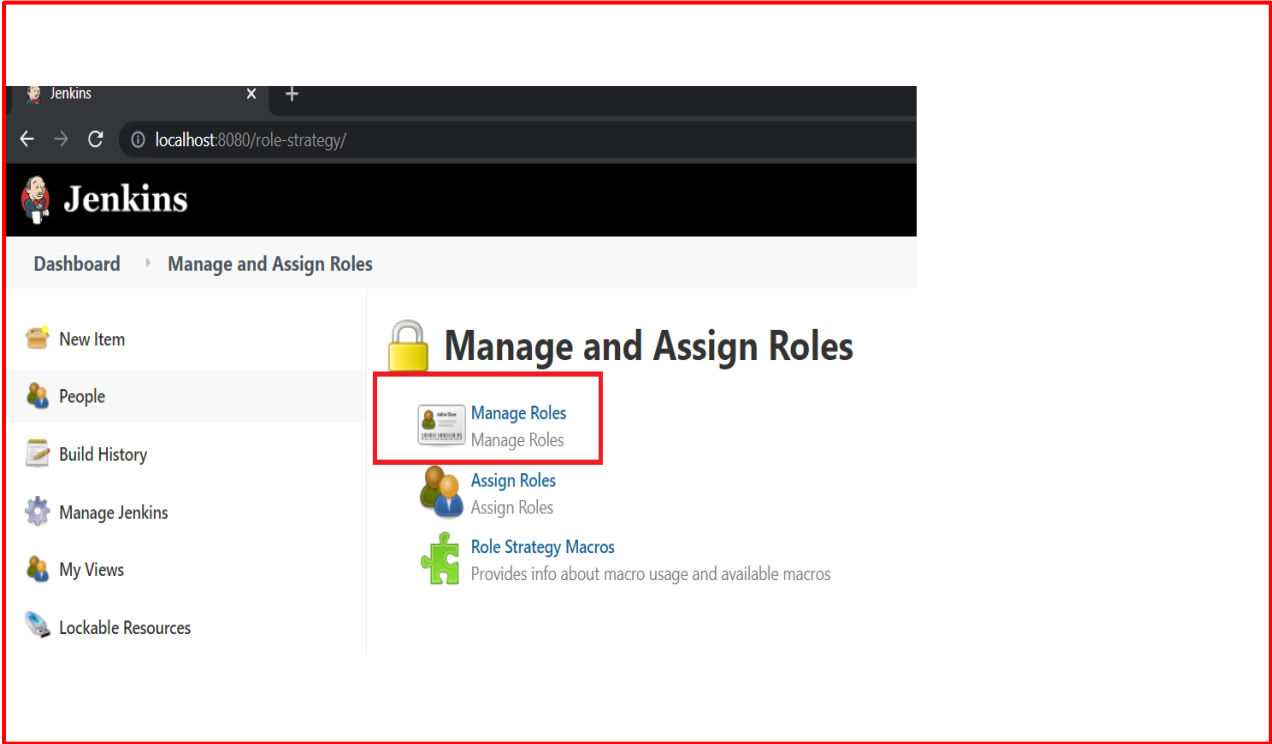
### **Problem Statement:**

## How to manage users on Jenkins

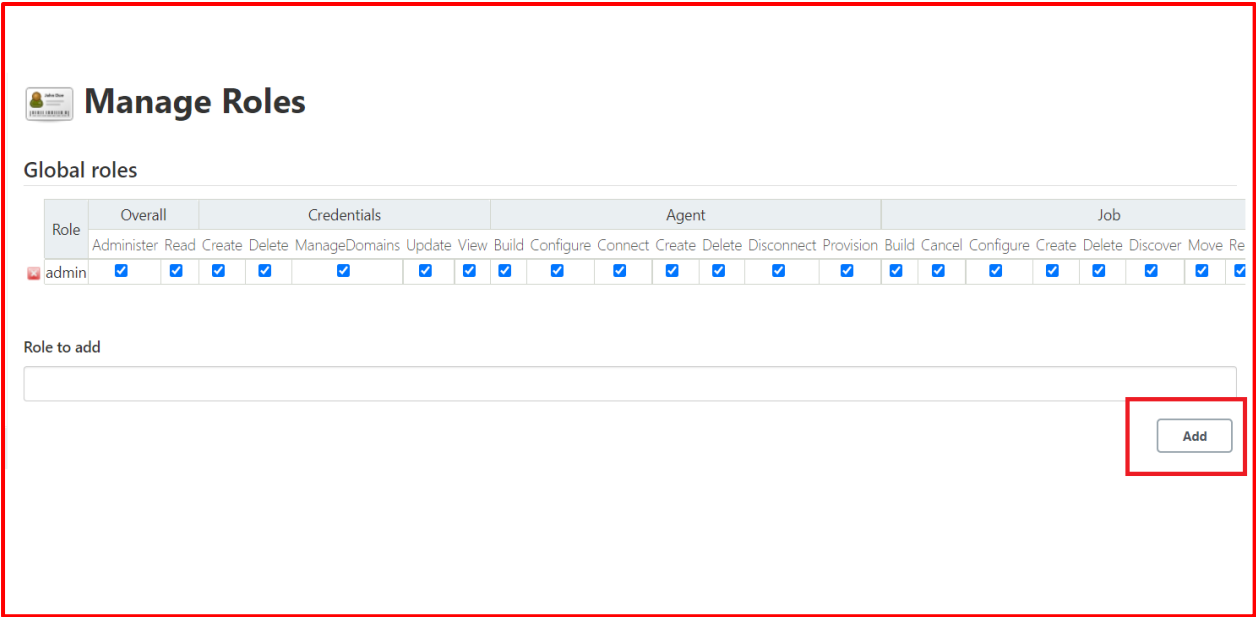
- 1.** To manage users please click on **Manage and Assign Roles** option as shown below.


A screenshot of the Jenkins web interface in a browser. The browser's address bar shows 'localhost:8080/manage'. The page has a dark sidebar on the left with a 'Dashboard' header and a list of links: 'Manage Jenkins', 'My Views', 'Lockable Resources', and 'New View'. The main content area has a light blue header with 'Dashboard' and a right arrow. Below this, there are three sections: 'Configure System' (with a gear icon and description 'Configure global settings and paths.'), 'Manage Nodes and Clouds' (with a computer icon and description 'Add, remove, control and monitor the various nodes that Jenkins runs jobs on.'), and 'Security' (with a large heading). Under 'Security', there are two items, each with a yellow padlock icon: 'Configure Global Security' (description: 'Secure Jenkins; define who is allowed to access/use the system.') and 'Manage and Assign Roles' (description: 'Handle permissions by creating roles and assigning them to users/groups'). The 'Manage and Assign Roles' item is highlighted with a red rectangular border.

2. Select **Manage roles** below to add users with permissions as shown in screenshot.



3. Click on **'ADD'** to add role name of your choice as shown below in global section.





# Manage Roles

## Global roles

Role	Overall	Credentials							
	Administer	Read	Create	Delete	ManageDomains	Update	View	Build	Configure
<input checked="" type="checkbox"/> admin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> employee	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Item roles are grouping of roles to have isolation for each group for example Developers, testers as shown in below screenshot. Click on ‘ADD’ to add the Role and pattern for the groups.

### Item roles

Role	Pattern	Credentials				Job								Run		SCM	Lockable Resources					
		Create	Delete	ManageDomains	Update	View	Build	Cancel	Configure	Create	Delete	Discover	Move	Read	Workspace	Delete	Replay	Update	Tag	Reserve	Unlock	View
<input checked="" type="checkbox"/> Developers	Dev.*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Role to add

Developers

Pattern

Dev.\*

Add

5. Tick the check box as shown below to assign the permissions to the developers and testers on what level of operations they can perform for the item roles created above as shown in the below screenshot.

### Item roles

Role	Pattern	Credentials				Job								Run		SCM	Lockable Resources					
		Create	Delete	ManageDomains	Update	View	Build	Cancel	Configure	Create	Delete	Discover	Move	Read	Workspace	Delete	Replay	Update	Tag	Reserve	Unlock	View
<input checked="" type="checkbox"/> Developers	Dev.*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Testers	Test.*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Role to add

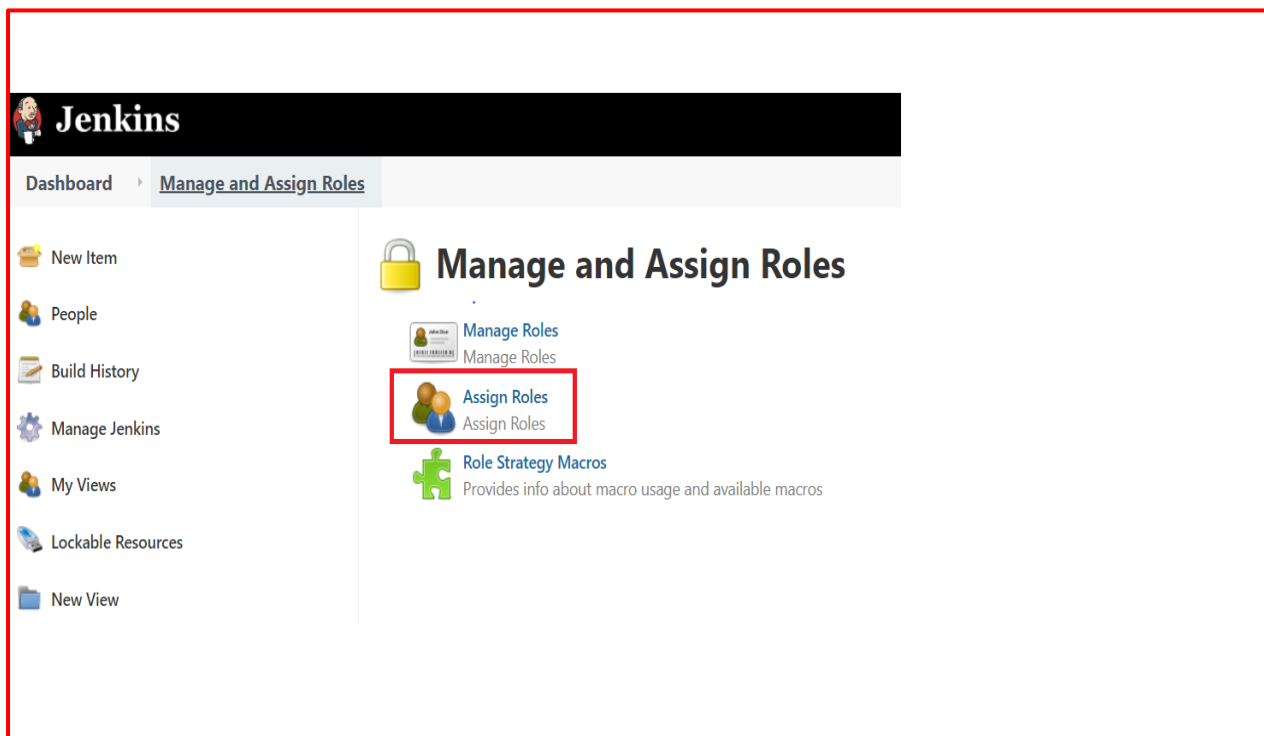
Testers

Pattern

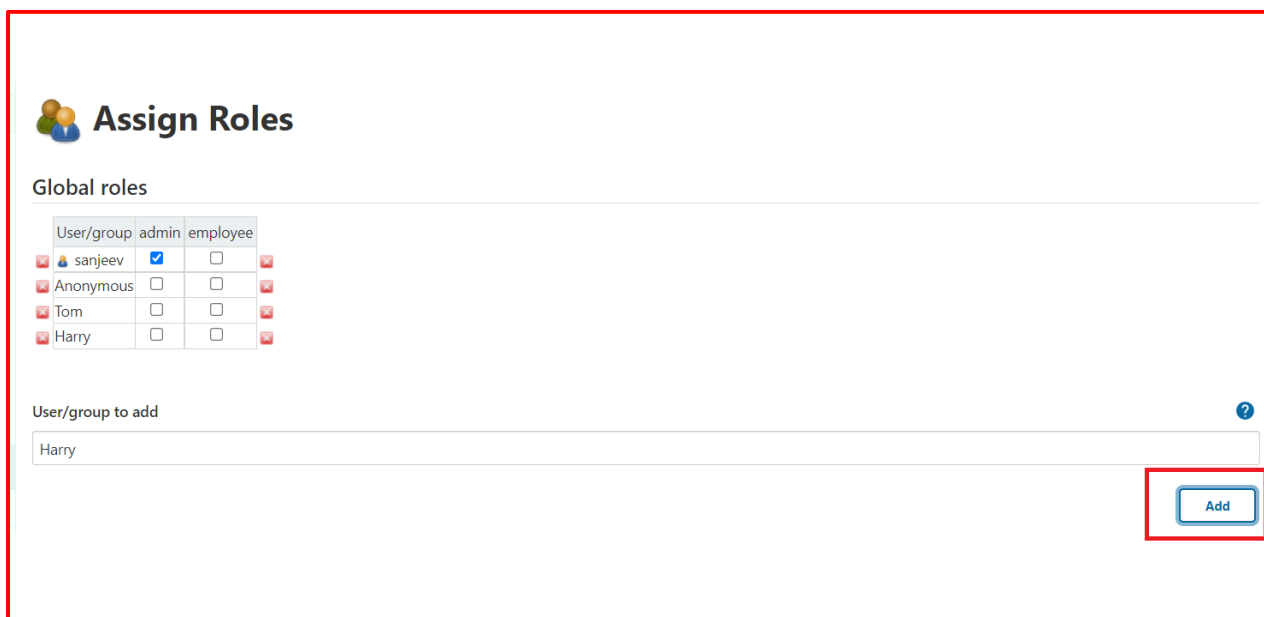
Test.\*

Add

6. Assigning the roles created in previous step. Click on **Assign roles** option as shown below.



7. Adding users to the Global role section by clicking on **Add** option as shown below. Tom and Harry are added here in the below example.





8. Adding Tom and Harry to the item role as shown below and assigning the developer and tester role created earlier and saving the settings and applying it as shown below.

Item roles

User/group	Developers	Testers
Anonymous	<input type="checkbox"/>	<input type="checkbox"/>
Tom	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Harry	<input type="checkbox"/>	<input checked="" type="checkbox"/>

User/group to add

Harry

Add

Save Apply

Add

9. Validate the projects which you can see for the **admin user** (Sanjeev) and the **normal user** (tom) who cannot view **admin projects/jobs** as shown in below screenshot. Tom is part of employee global role which has only read access to Jenkins.

Module 5 – Manage users on Jenkins

Jenkins

search

?

sanjeev

log out

add description

New Item

People

Build History

Manage Jenkins

My Views

Lockable Resources

All

S

W

Name

Last Success

Last Failure

Last Duration

project-1

N/A

N/A

N/A

test-project

N/A

N/A

N/A

Icon: S M L

Legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

Jenkins

search

?

tomhanks

log out

add description

People

Build History

My Views

Build Queue

No builds in the queue.