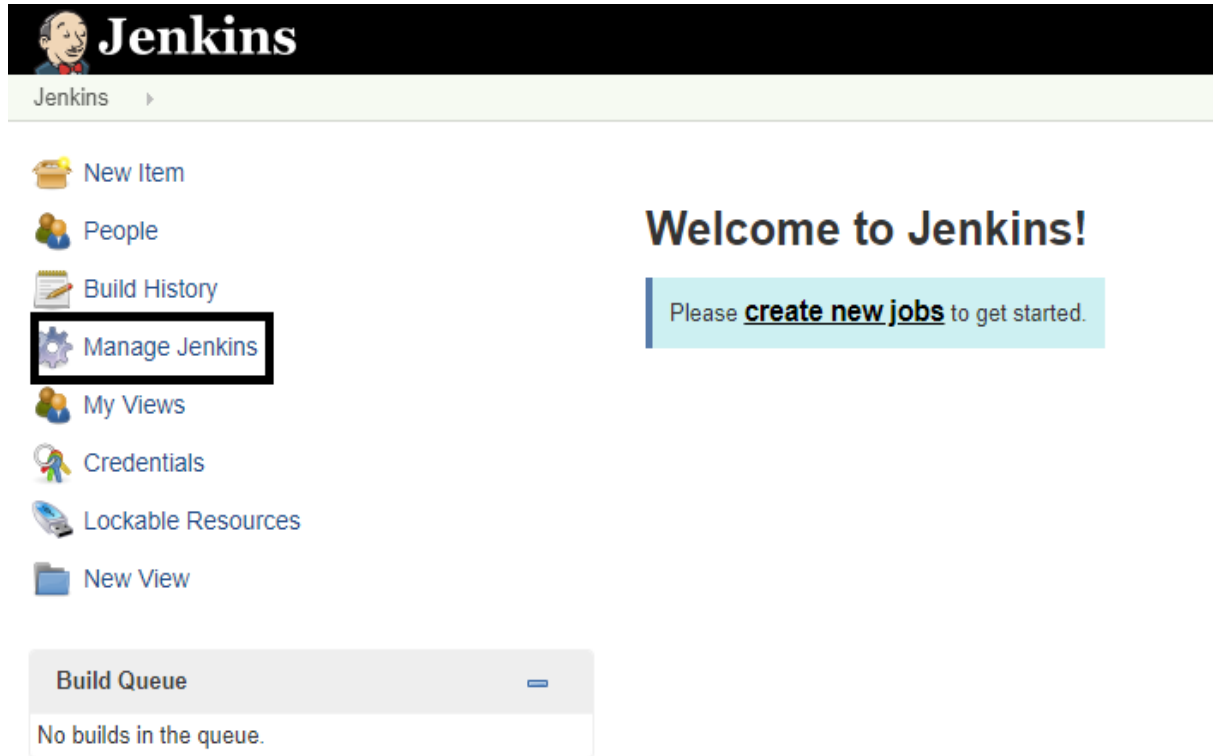
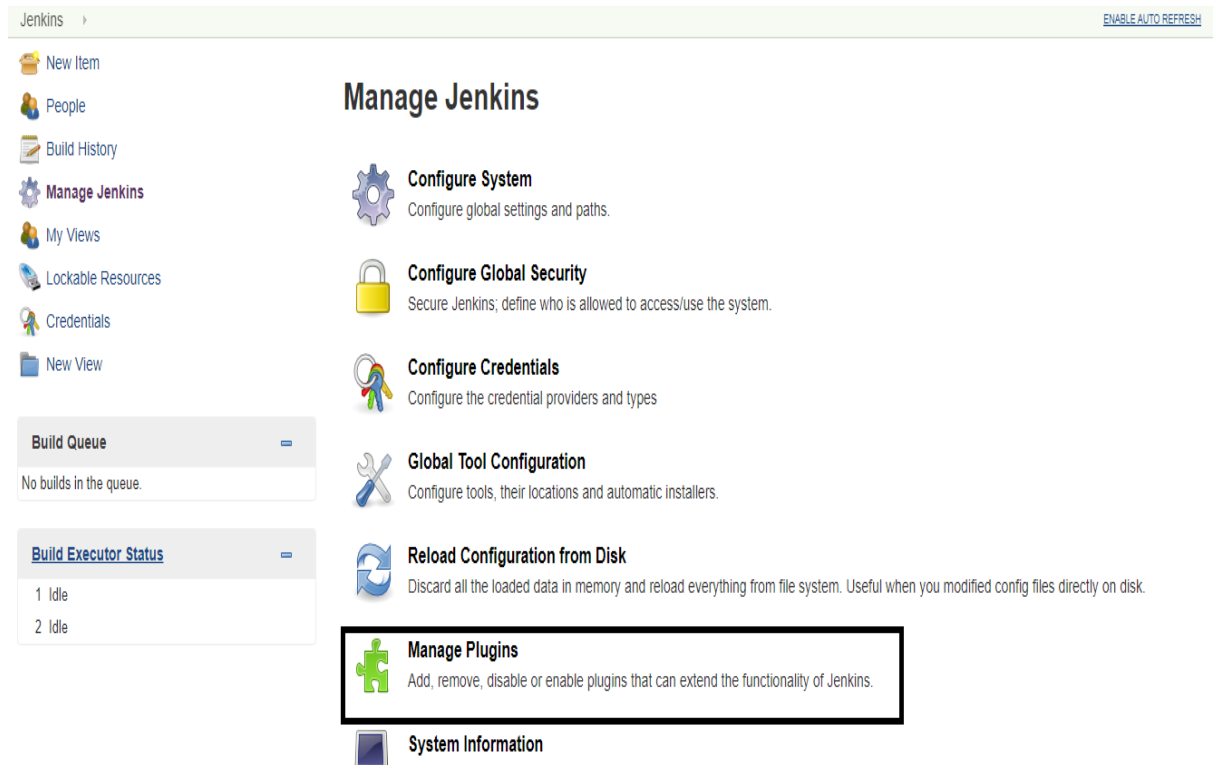


Role based authorization

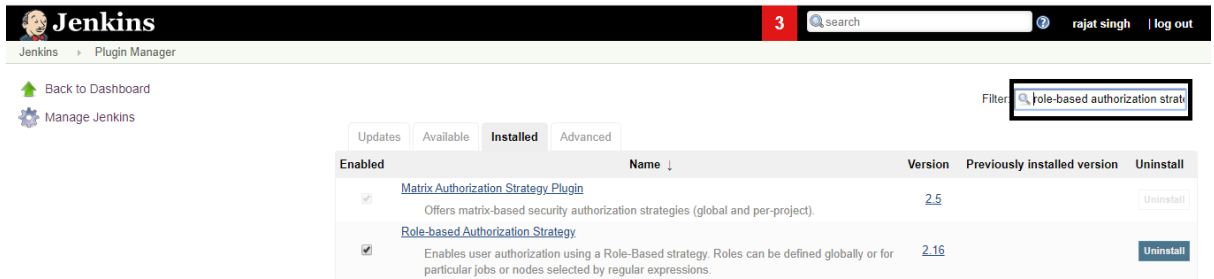
1. Log in to your Jenkins account
2. Click on [Manage Jenkins](#)



3. Now click on [Manage plugins](#)



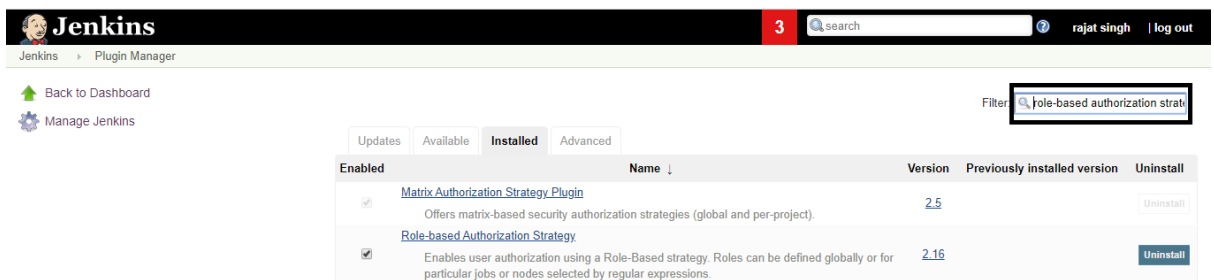
4. Search for **role-based-authorization strategy** plugin



The screenshot shows the Jenkins Plugin Manager interface. At the top, there's a search bar with the text 'role-based authorization strategy' entered. Below the search bar, there are tabs for 'Updates', 'Available', 'Installed', and 'Advanced'. The 'Installed' tab is selected. A table lists the installed plugins:

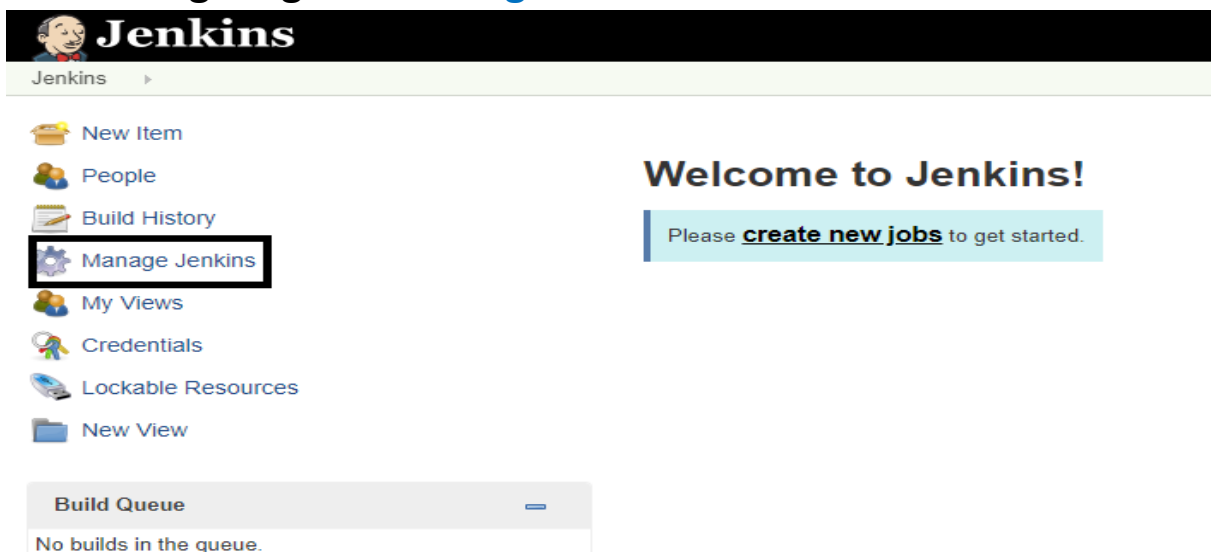
Enabled	Name	Version	Previously installed version	Uninstall
<input checked="" type="checkbox"/>	Matrix Authorization Strategy Plugin Offers matrix-based security authorization strategies (global and per-project).	2.5		Uninstall
<input checked="" type="checkbox"/>	Role-based Authorization Strategy Enables user authorization using a Role-Based strategy. Roles can be defined globally or for particular jobs or nodes selected by regular expressions.	2.16		Uninstall

5. Click on checkbox and download it then restart your Jenkins



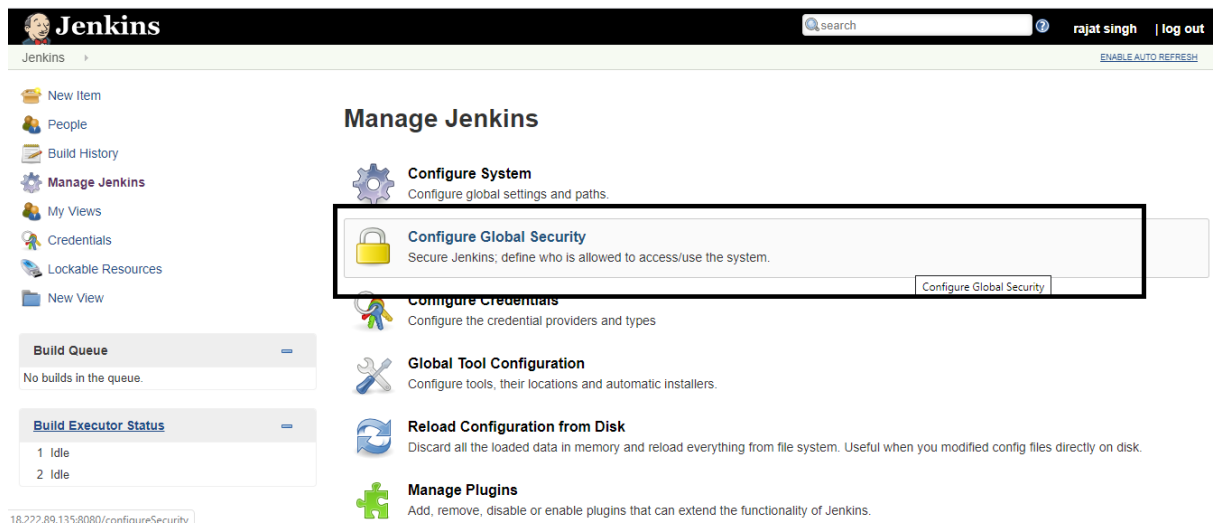
This screenshot is identical to the previous one, showing the Jenkins Plugin Manager interface with the 'Role-based Authorization Strategy' plugin selected for installation. The checkbox next to the plugin name is checked.

6. Now once again go to **Manage Jenkins**



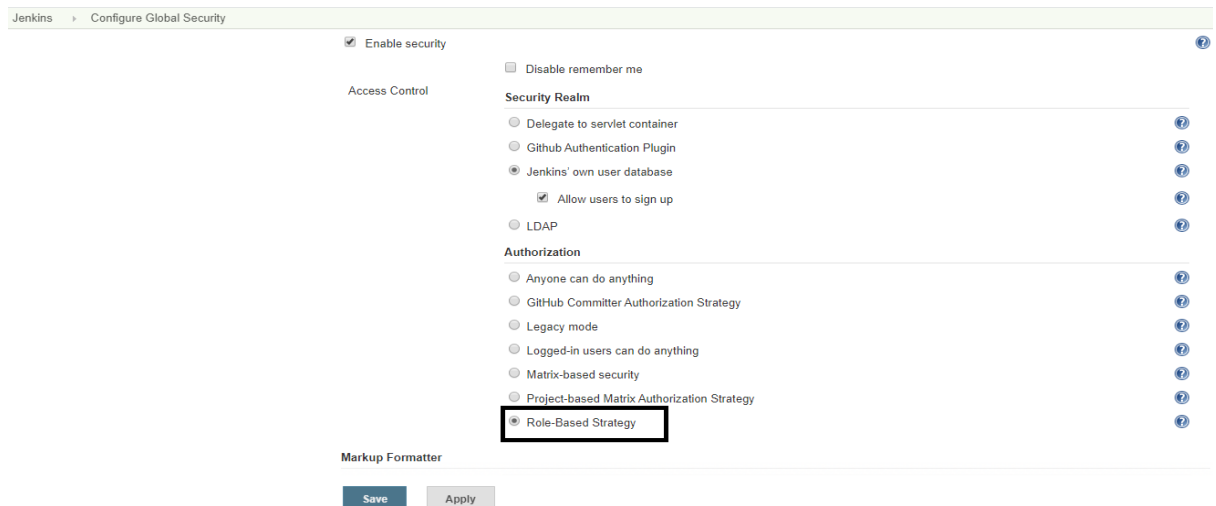
The screenshot shows the Jenkins Dashboard. On the left side, there's a list of links: 'New Item', 'People', 'Build History', 'Manage Jenkins', 'My Views', 'Credentials', 'Lockable Resources', and 'New View'. The 'Manage Jenkins' link is highlighted with a red box. On the right side, there's a 'Welcome to Jenkins!' message with a button that says 'Please create new jobs to get started.' Below the links, there's a 'Build Queue' section showing 'No builds in the queue.'

7. Click on Configure **Global security**



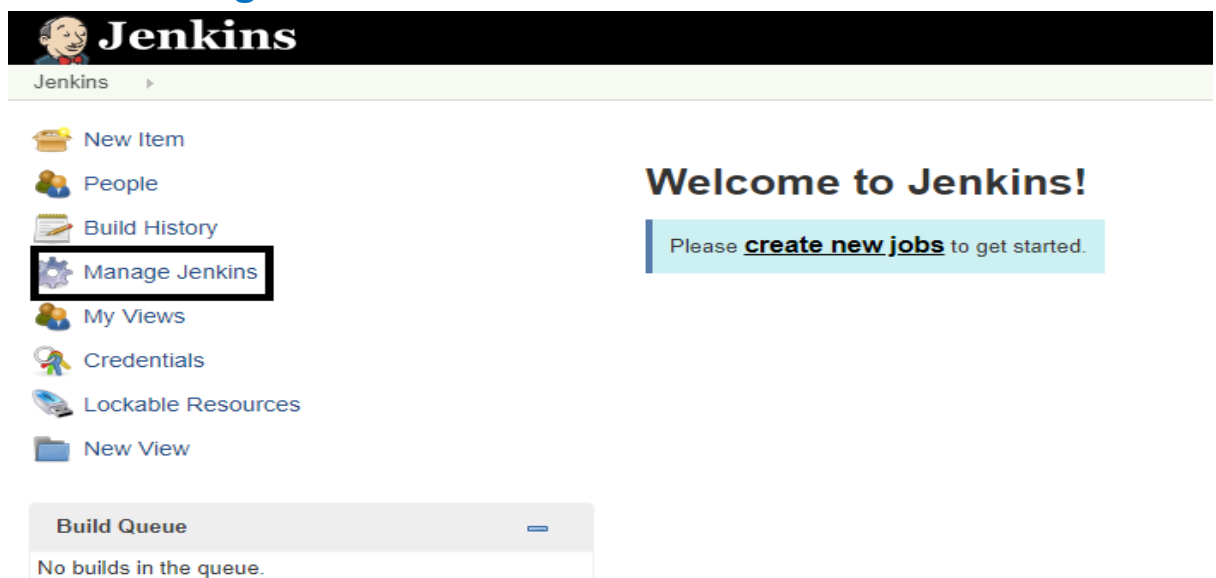
The screenshot shows the Jenkins 'Manage Jenkins' page. The left sidebar contains links: New Item, People, Build History, Manage Jenkins (highlighted), My Views, Credentials, Lockable Resources, and New View. Below the sidebar are sections for 'Build Queue' (No builds in the queue) and 'Build Executor Status' (2 Idle). The main content area is titled 'Manage Jenkins' and lists several configuration options: 'Configure System' (Configure global settings and paths), 'Configure Global Security' (Secure Jenkins; define who is allowed to access/use the system. - This option is highlighted with a black box), 'Configure Credentials' (Configure the credential providers and types), 'Global Tool Configuration' (Configure tools, their locations and automatic installers), 'Reload Configuration from Disk' (Discard all the loaded data in memory and reload everything from file system. Useful when you modified config files directly on disk), and 'Manage Plugins' (Add, remove, disable or enable plugins that can extend the functionality of Jenkins).

8. Click on radio button of **Role based strategy** and save it



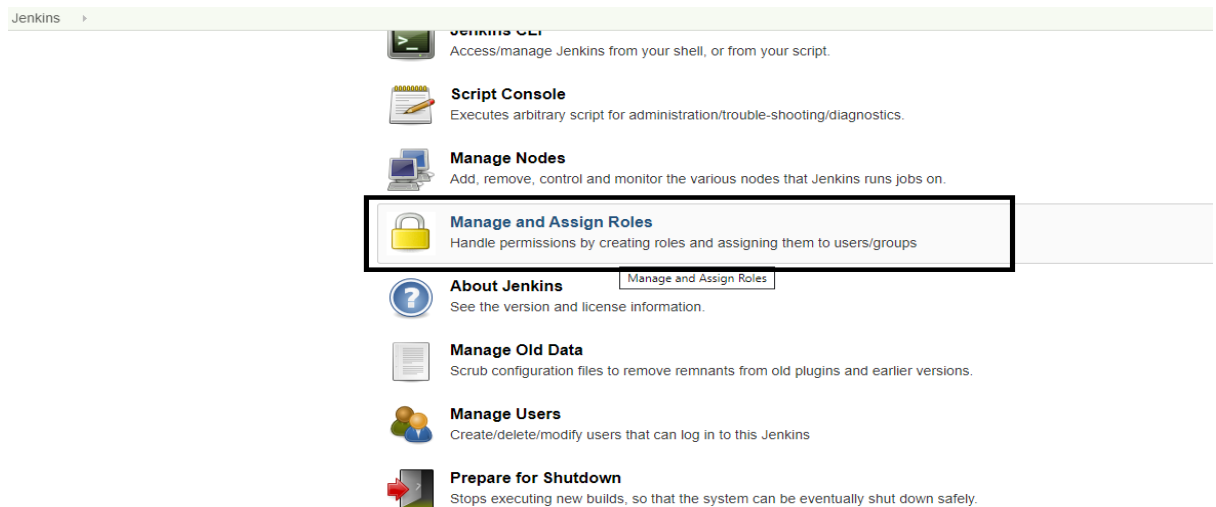
The screenshot shows the 'Configure Global Security' page in Jenkins. The 'Enable security' checkbox is checked. Under 'Access Control', the 'Security Realm' section has three options: 'Delegate to servlet container', 'Github Authentication Plugin', and 'Jenkins' own user database' (selected). The 'Jenkins' own user database' option has a sub-option 'Allow users to sign up' which is checked. Under 'Authorization', there are six options: 'Anyone can do anything', 'Github Committer Authorization Strategy', 'Legacy mode', 'Logged-in users can do anything', 'Matrix-based security', and 'Project-based Matrix Authorization Strategy'. The 'Role-Based Strategy' option is selected and highlighted with a black box. At the bottom, there are 'Save' and 'Apply' buttons.

9. Click on **Manage Jenkins**

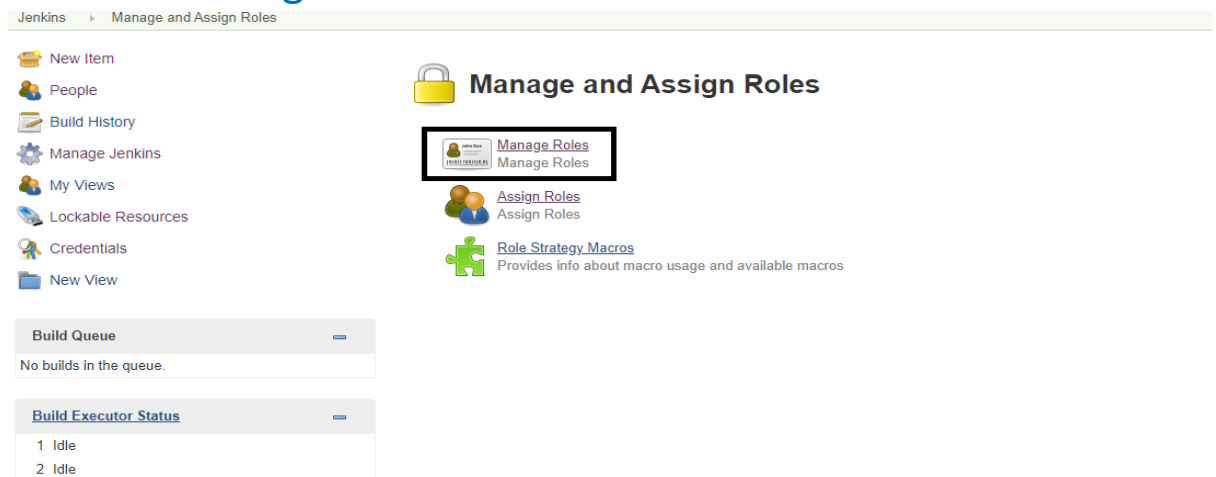


The screenshot shows the Jenkins 'Welcome to Jenkins!' page. The left sidebar contains links: New Item, People, Build History, Manage Jenkins (highlighted with a black box), My Views, Credentials, Lockable Resources, and New View. Below the sidebar is a 'Build Queue' section (No builds in the queue). The main content area features a large 'Welcome to Jenkins!' message and a button that says 'Please **create new jobs** to get started.'

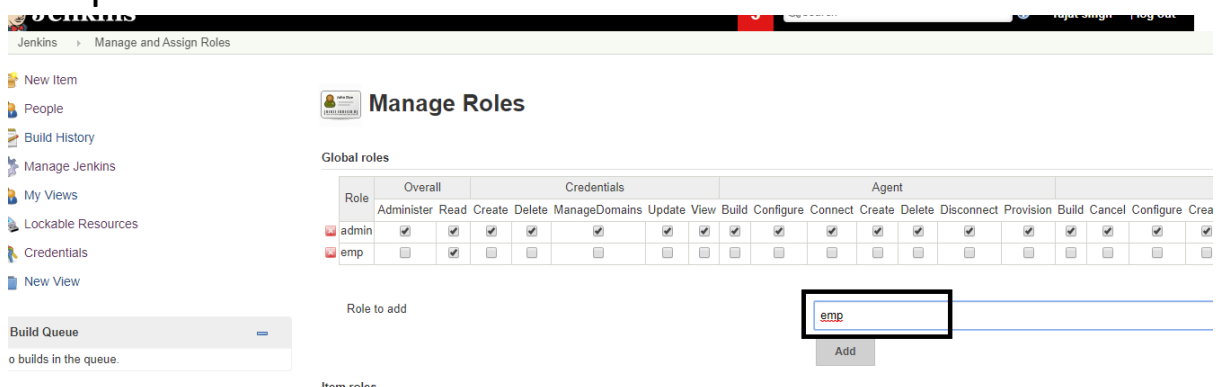
10. Click on **Manage and assign roles**



11. Click on **Manage roles**



12. Fill the name of role you want to add in **Role to add** field and click on add. You will see your added role is displaying on Global roles field, you can click on checkboxes to add desire permission.



13. Now go to **Item role** and fill the name of your **role** and **pattern** (the jobs you want to give permission of) you want to add. Then click on add, you will see your role in Item role you can click on checkboxes to add desired permission. Click on Save.

Note: Here dev.* means all the jobs starting with dev.

The screenshot shows the 'Manage and assign roles' page in Jenkins. On the left, there are two panels: 'Build Queue' (empty) and 'Build Executor Status' (showing 2 idle executors). The main area is titled 'Item roles'. It has a 'Role to add' field and an 'Add' button. Below this is a table of existing item roles:

Role	Pattern	Credentials					Job										Run		
		Create	Delete	ManageDomains	Update	View	Build	Cancel	Configure	Create	Delete	Discover	Move	Read	Workspace	Delete	Replay	Update	
developer	*dev.*	<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"/>	<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"/>	
tester	*test.*	<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"/>	<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"/>	

Below the table, there is a 'Role to add' field with 'developer' entered, a 'Pattern' field with '*dev.*' entered, and an 'Add' button. At the bottom, there is a section for 'Node roles' with a similar table structure.

14. Now go to **Manage and assign roles** and click on Assign roles

The screenshot shows the 'Manage and assign roles' page in Jenkins. On the left, there is a sidebar with links: 'New Item', 'People', 'Build History', 'Manage Jenkins', 'My Views', 'Lockable Resources', 'Credentials', and 'New View'. The main area is titled 'Manage and Assign Roles'. It contains several links: 'Manage Roles' (with a lock icon), 'Assign Roles' (with a lock icon and highlighted by a red box), and 'Role Strategy Macros' (with a puzzle piece icon). Below these links, there is a 'Build Queue' panel (empty) and a 'Build Executor Status' panel (showing 2 idle executors).

15. Fill the Name of user in **user/group to add** field and click on add. You will see username in **Global roles**. Click on checkboxes to give desire permission.

The screenshot shows the Jenkins 'Assign Roles' page for 'Global roles'. On the left is a sidebar with navigation links: New Item, People, Build History, Manage Jenkins, My Views, Lockable Resources, Credentials, and New View. The main content area has a table for 'Global roles' with columns 'User/group', 'admin', and 'emp'. The table lists 'developer', 'rajat singh', 'tester', and 'Anonymous' users. Below the table is a 'User/group to add' input field containing 'tester' and an 'Add' button. At the bottom left, there is a 'Build Queue' section showing 'No builds in the queue.'

User/group	admin	emp
developer	<input type="checkbox"/>	<input checked="" type="checkbox"/>
rajat singh	<input checked="" type="checkbox"/>	<input type="checkbox"/>
tester	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anonymous	<input type="checkbox"/>	<input checked="" type="checkbox"/>

16. Fill the Name of user in **user/group to add** field and click on add. You will see username in **Item roles**. Click on checkboxes to give desire permission.

The screenshot shows the Jenkins 'Assign Roles' page for 'Item roles'. The left sidebar is the same as in the previous screenshot. The main content area has a table for 'Item roles' with columns 'User/group', 'developer', and 'tester'. The table lists 'developer', 'tester', and 'Anonymous' users. Below the table is a 'User/group to add' input field containing 'developer' and an 'Add' button. At the bottom, there is a 'Node roles' section with a 'User/group' input field containing 'Anonymous' and an 'Add' button. At the very bottom are 'Save' and 'Apply' buttons.

User/group	developer	tester
developer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
tester	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anonymous	<input type="checkbox"/>	<input type="checkbox"/>

17. Click on save and login by using other user to see your permissions.