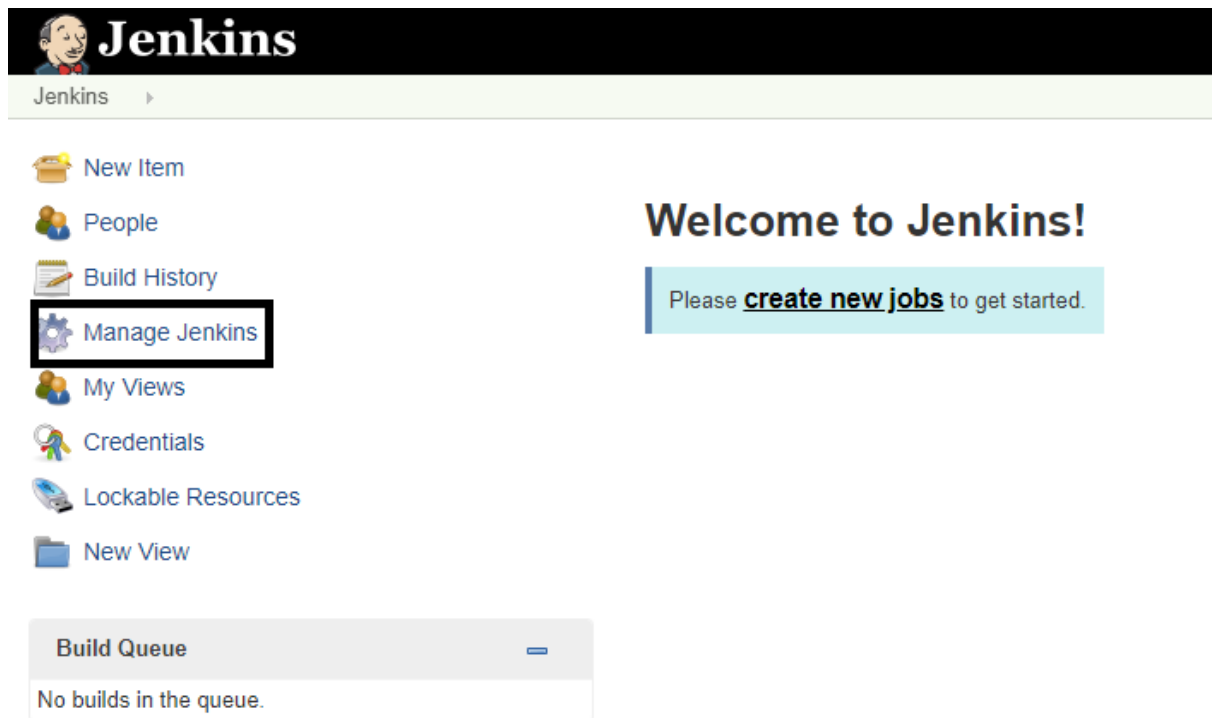
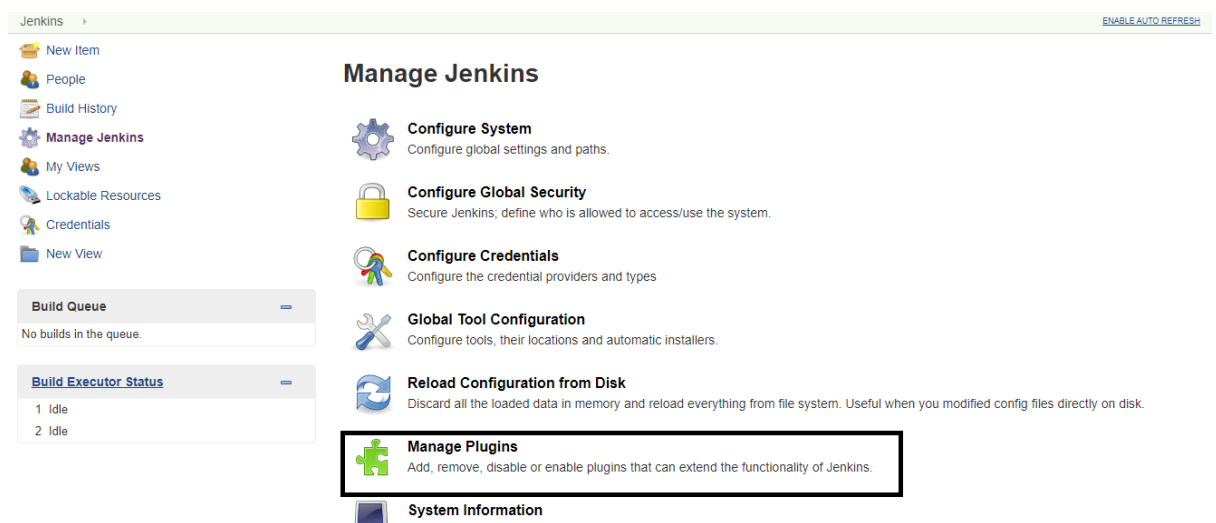


SSO Configuration of Jenkins with Github

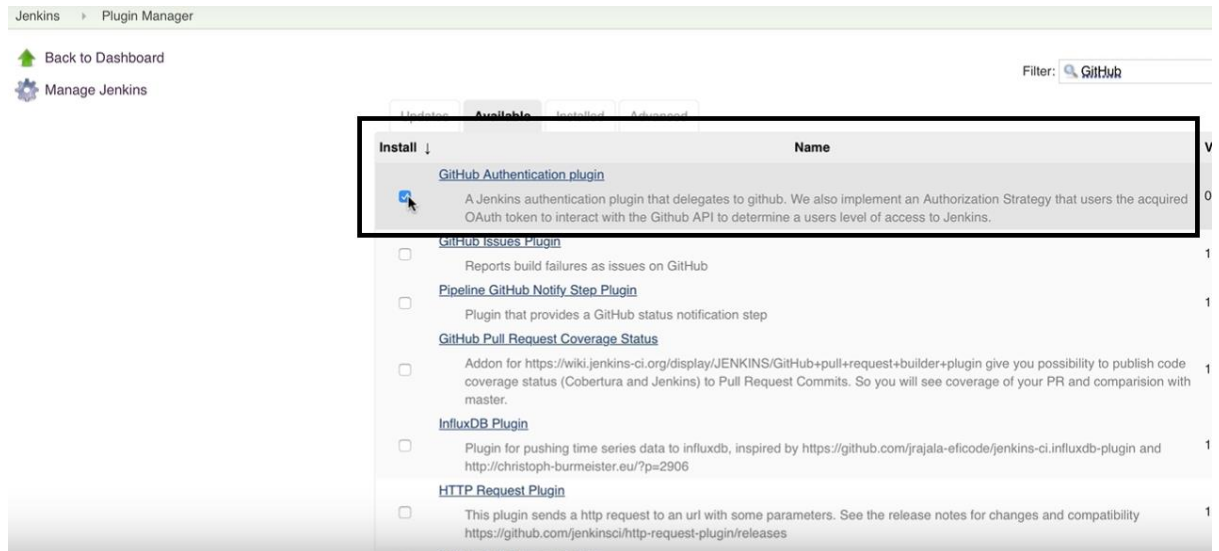
1. Sign in to your Jenkins account
2. Click on [Manage Jenkins](#)



3. Click on [Manage Plugins](#)

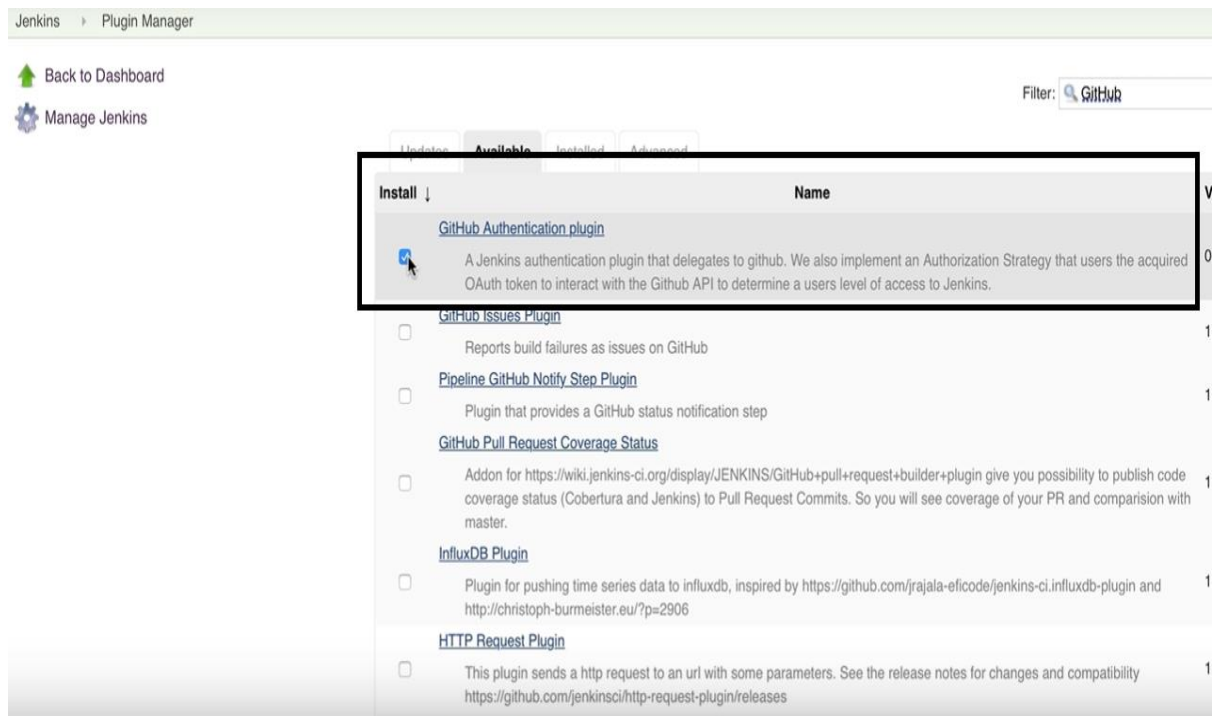


4. Search for Github Authentication plugin



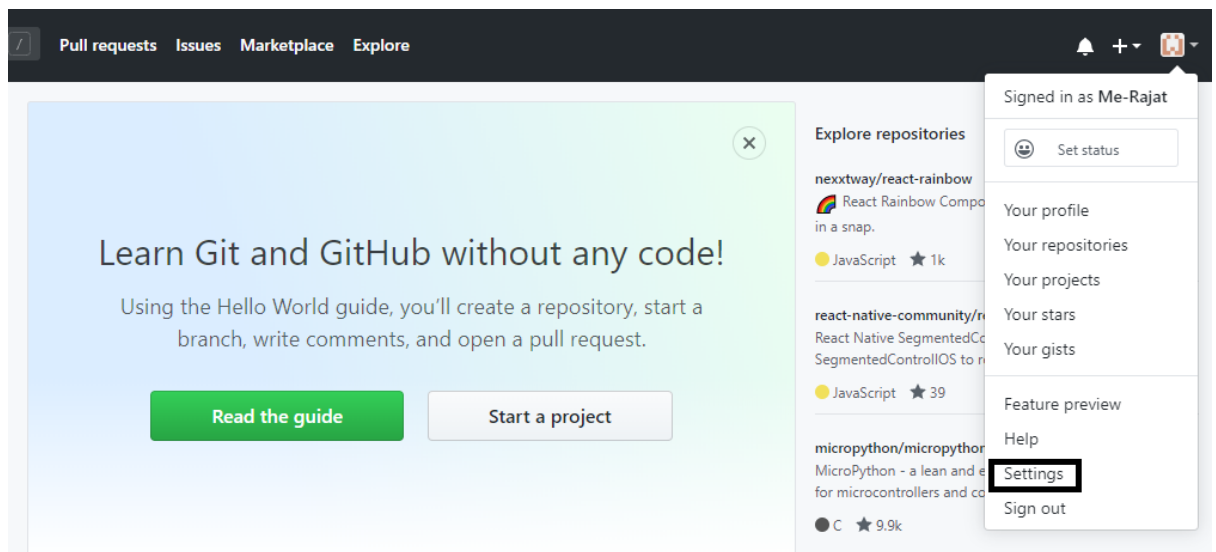
5. Click on check box of Github Authentication plugin and then click on

install

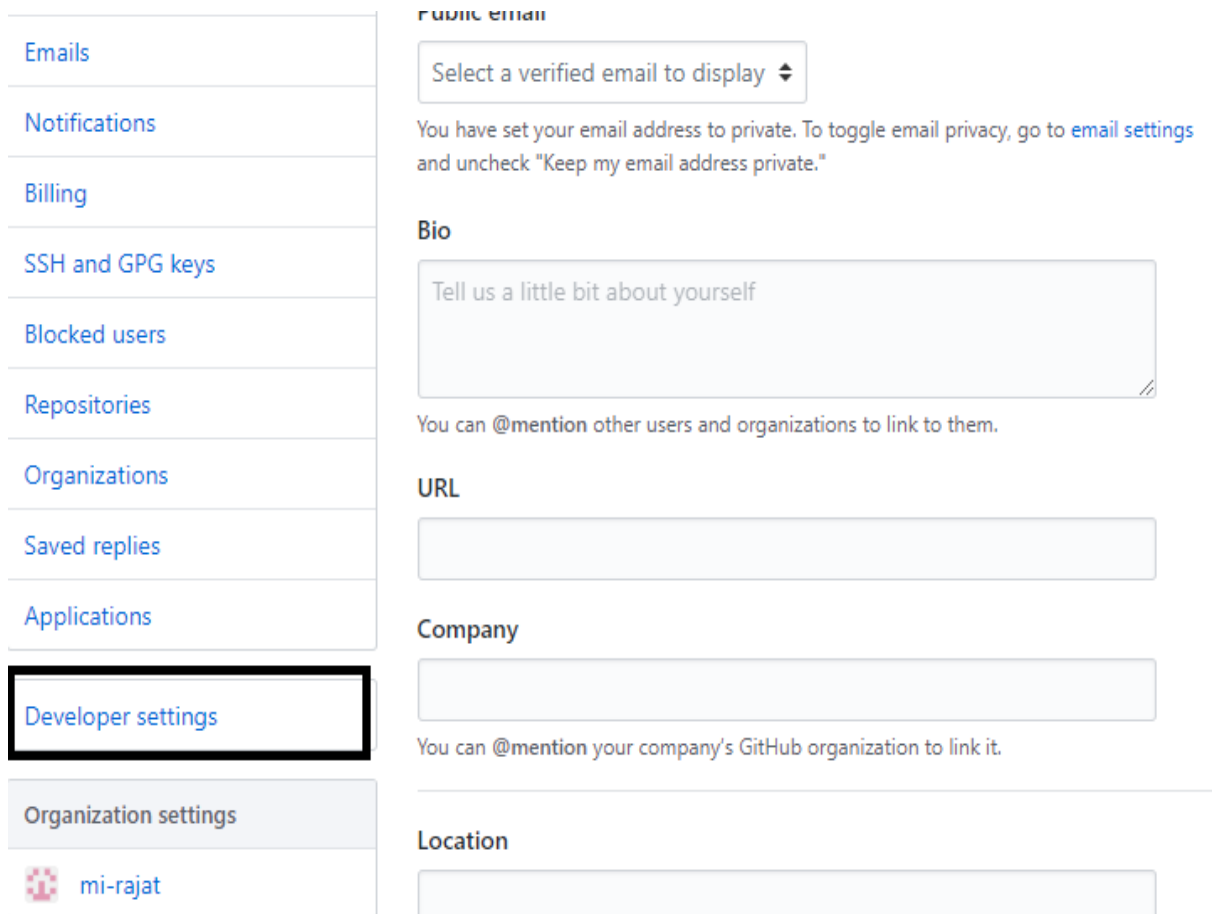


6. Go to your Github account

7. Go to [Setting](#)



8. Now go to [Developer setting](#)



9. Click on [OAuth Apps](#)

GitHub Apps

OAuth Apps

Personal access tokens

GitHub Apps

New GitHub App

Want to build something that integrates with and extends GitHub? [Register a new GitHub App](#) to get started developing on the GitHub API. You can also read more about building GitHub Apps in our [developer documentation](#).

10. Click on [Register a new application](#)

GitHub Apps

OAuth Apps

Personal access tokens

No OAuth applications

OAuth applications are used to access the GitHub API. [Read the docs](#) to find out more.

Register a new application

11.Fill the details and after your url in Authorization in callback url put

`/securityRealm/finishLogin` and click on register application.

Note: The important part of the callback URL is `/securityRealm/finishLogin`.

Register a new OAuth application

Application name *

Jenkins

Something users will recognize and trust.

Homepage URL *

`http://3.134.111.137/`

The full URL to your application homepage.

Application description

Application description is optional

This is displayed to all users of your application.

Authorization callback URL *

`http://18.219.25.51/securityRealm/finishLogin`

Your application's callback URL. Read our [OAuth documentation](#) for more information.

Register application

Cancel

12. Now You will see Client ID and Client Secret

Jenkins



Me-Rajat owns this application.

Transfer ownership

You can list your application in the [GitHub Marketplace](#) so that other users can discover it.

List this application in the Marketplace

0 users

Client ID

003414605f4fbe5ada0c

Client Secret

a63e46c5be3d95032f6d79ad4fe96b93fc15ef8b

Revoke all user tokens

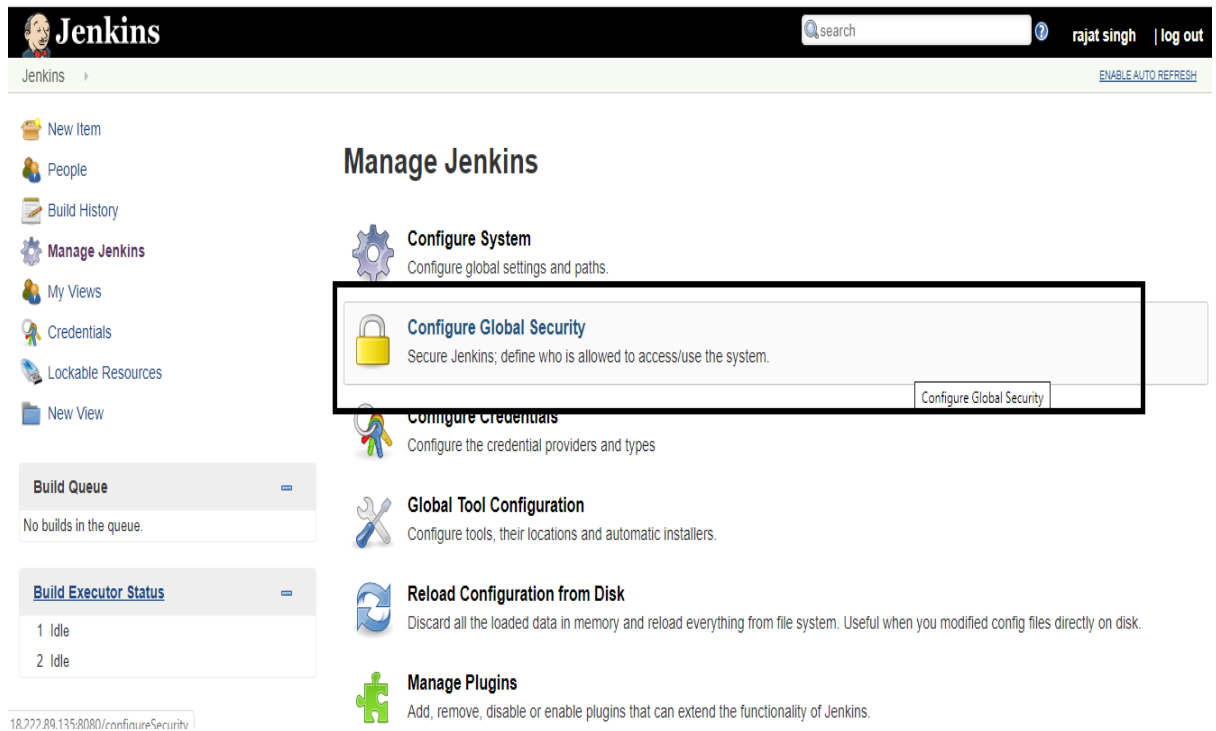
Reset client secret

13. Open your Jenkins account

14. Go to [Manage Plugins](#)

The screenshot shows the Jenkins web interface. At the top is a black header with the Jenkins logo and name. Below it is a light green navigation bar with the text 'Jenkins' and a right arrow. On the left side, there is a vertical list of menu items, each with an icon: 'New Item' (box icon), 'People' (group of people icon), 'Build History' (notepad icon), 'Manage Jenkins' (gear icon, highlighted with a black border), 'My Views' (group of people icon), 'Credentials' (key icon), 'Lockable Resources' (cylinder icon), and 'New View' (folder icon). On the right side, there is a large white area with the heading 'Welcome to Jenkins!' and a light blue box containing the text 'Please **create new jobs** to get started.' At the bottom, there is a grey box labeled 'Build Queue' with a minus sign icon and the text 'No builds in the queue.'

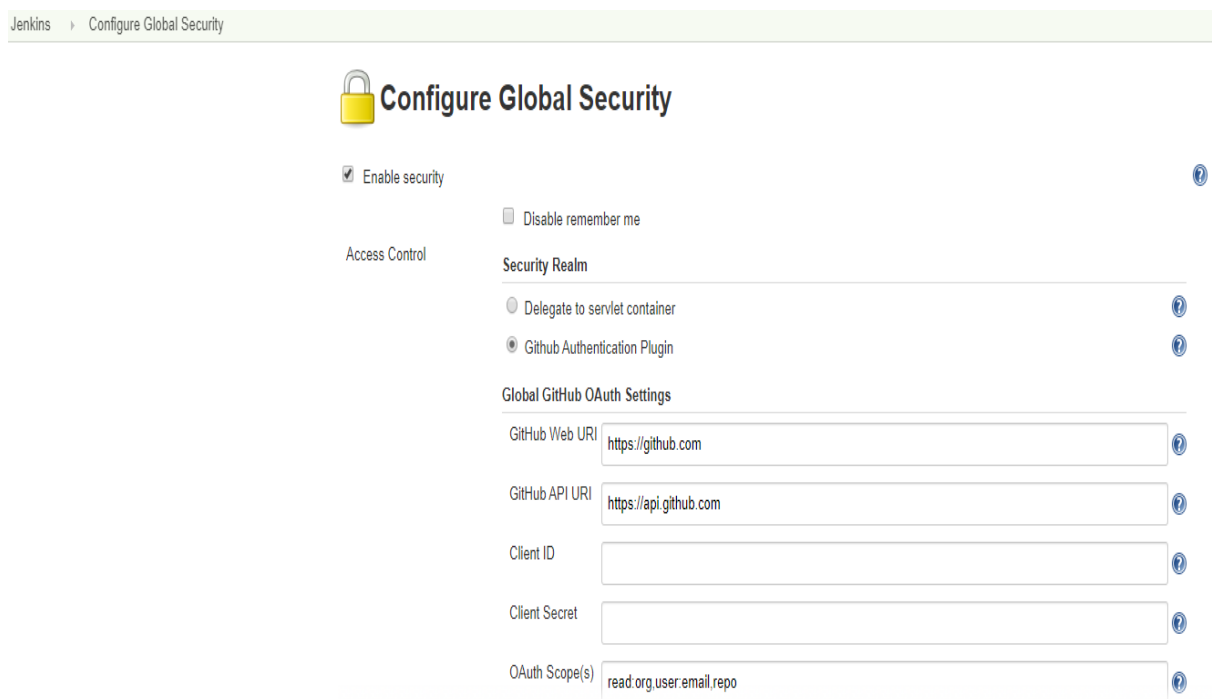
15. Click on [Configure Global Security](#)



The screenshot shows the Jenkins web interface. At the top is the Jenkins logo and a search bar. Below the logo is a sidebar with navigation links: New Item, People, Build History, Manage Jenkins (selected), My Views, Credentials, Lockable Resources, and New View. The main content area is titled 'Manage Jenkins' and contains several configuration options: 'Configure System' (gear icon), 'Configure Global Security' (lock icon, highlighted with a red box), 'Configure Credentials' (key icon), 'Global Tool Configuration' (wrench icon), 'Reload Configuration from Disk' (refresh icon), and 'Manage Plugins' (puzzle piece icon). On the left side of the main content area, there are two panels: 'Build Queue' showing 'No builds in the queue.' and 'Build Executor Status' showing two idle executors. At the bottom left, a breadcrumb trail shows the path: 18.222.89.135:8080/configureSecurity.

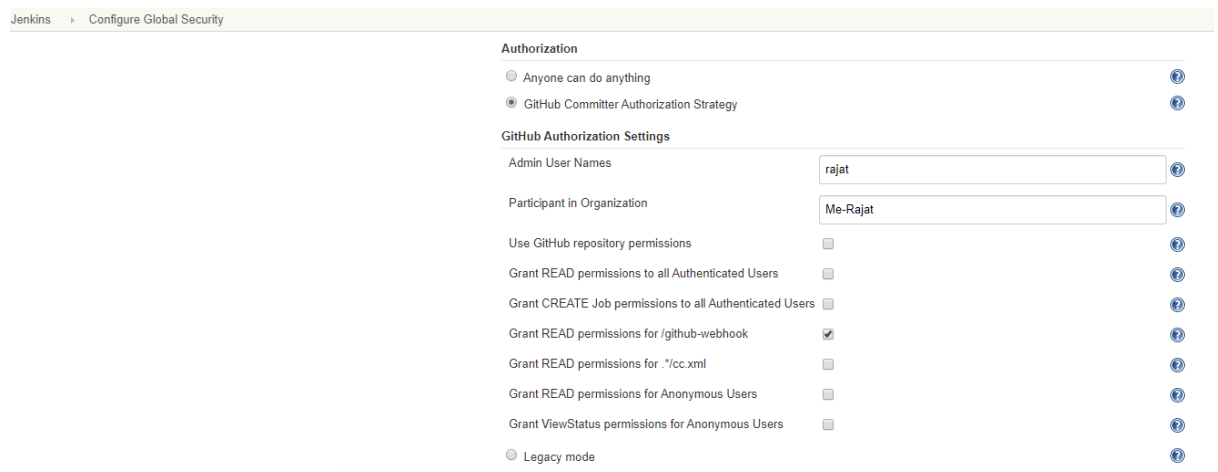
16. Click on [Github authorization plugin](#) and Put the client Id and client

Secret here of Github



The screenshot shows the 'Configure Global Security' page in Jenkins. The 'Enable security' checkbox is checked. Under 'Access Control', the 'Disable remember me' checkbox is unchecked. The 'Security Realm' section has two options: 'Delegate to servlet container' (radio button) and 'Github Authentication Plugin' (radio button, selected). Below this is the 'Global GitHub OAuth Settings' section, which contains several input fields: 'GitHub Web URI' (https://github.com), 'GitHub API URI' (https://api.github.com), 'Client ID' (empty), 'Client Secret' (empty), and 'OAuth Scope(s)' (read:org,user:email,repo). Each input field has a help icon (question mark) to its right.

17. Click on [Github committer authorization strategy](#) and put admin name and participants in organization of your Github. You can click on checkboxes to give desired access permissions



The screenshot shows the Jenkins 'Configure Global Security' page. Under the 'Authorization' section, the 'GitHub Committer Authorization Strategy' is selected. Below this, the 'GitHub Authorization Settings' are configured. The 'Admin User Names' field contains 'rajat' and the 'Participant in Organization' field contains 'Me-Rajat'. Several checkboxes for permissions are visible, with 'Grant READ permissions for /github-webhook' checked. The 'Legacy mode' option is also present at the bottom.

Authorization	
<input type="radio"/> Anyone can do anything	?
<input checked="" type="radio"/> GitHub Committer Authorization Strategy	?
GitHub Authorization Settings	
Admin User Names	<input type="text" value="rajat"/> ?
Participant in Organization	<input type="text" value="Me-Rajat"/> ?
Use GitHub repository permissions	<input type="checkbox"/> ?
Grant READ permissions to all Authenticated Users	<input type="checkbox"/> ?
Grant CREATE Job permissions to all Authenticated Users	<input type="checkbox"/> ?
Grant READ permissions for /github-webhook	<input checked="" type="checkbox"/> ?
Grant READ permissions for */cc.xml	<input type="checkbox"/> ?
Grant READ permissions for Anonymous Users	<input type="checkbox"/> ?
Grant ViewStatus permissions for Anonymous Users	<input type="checkbox"/> ?
<input type="radio"/> Legacy mode	?

18. Now click on [Save](#) to save your changes

19. Logout from your Jenkins account and login by using your IP address

20. Give authorization permission

21. And now you're logged in