

Jenkins



DevOps by SATISH @ SathyaTech

Jenkins User - Roles

Step-1: Create Jenkins user

Jenkins > Jenkins' own user database

Back to Dashboard

Manage Jenkins

Create User 1

Create User

Username:	satish
Password:
Confirm password:
Full name:	satish
E-mail address:	satish@gmail.com

Create User 3

Step-2: Manage Jenkins

The screenshot shows the Jenkins Manage Jenkins interface. A red box highlights the 'Manage Jenkins' button in the top-left corner, which is also circled with a red number '1'. Below it, there are links for 'My Views', 'Credentials', and 'New View'. On the left, sections for 'Build Queue' (empty) and 'Build Executor Status' (1 Idle, 2 Idle) are shown. The main area displays a message about a new Jenkins version (2.121.3) available for download, followed by a warning about security vulnerabilities in Jenkins 2.121.2 core and libraries. A large red box highlights the 'Manage Plugins' section at the bottom right, which is circled with a red number '2'. This section shows a green gear icon, the text 'Manage Plugins', a note about adding/removing plugins, and a red bell icon indicating updates are available.

New version of Jenkins (2.121.3) is available for [download \(changelog\)](#).

Warnings have been published for the following currently installed components.

Jenkins 2.121.2 core and libraries:
[Multiple security vulnerabilities in Jenkins 2.137 and earlier, and LTS 2.121.2 and earlier](#)

Configure System
Configure global settings and paths.

Configure Global Security
Secure Jenkins, define who is allowed to access/use the system.

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

Manage Plugins
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.
There are updates available

Step-3: Install plugin

- In available section, screen Search for "role".
- Select **Role-based Authorization Strategy** plugin
- Click on "**Install without restart**"



Step-4: configure plugin

 **Configure Global Security**

Enable security
 Disable remember me

Access Control

Security Realm

- Delegate to servlet container
- Jenkins' own user database
 - Allow users to sign up
- LDAP

Authorization

- Anyone can do anything
- Legacy mode
- Logged-in users can do anything
- Matrix-based security
- Project-based Matrix Authorization Strategy
- Role-Based Strategy

1

Markup Formatter

Markup Formatter Plain text

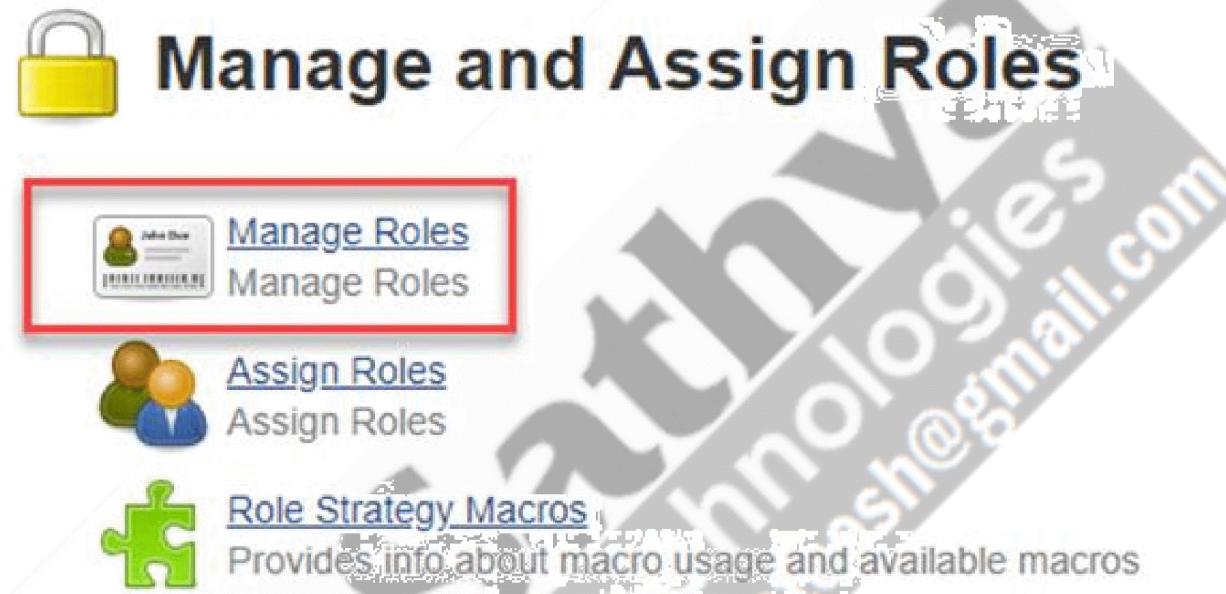
2

Save Apply

Developed by Srinivas Gudavadi



Step-5: configure user / Roles



Step-5: configure user / Roles

Manage and Assign Roles

Global roles

Role	Overall	Credentials	Agent	Job
Admin	Administer	Read Create Delete ManageDomains Update View Build Configure Connect	Create Delete Disconnect Provision	Build Cancel Configure Create Delete Discover
Developer	Read Create Delete ManageDomains Update View Build Configure Connect	Create Delete Disconnect Provision	Build Cancel Configure Create Delete Discover	

Role to add: developer (3)

Project roles

Role Pattern	Credentials	Job	Run	SCM
	Create Delete ManageDomains Update View Build Configure Connect	Delete Discover Move Read Workspace Delete Replay Update Tag		

Role to add: developer (1)

Add (2)

Save (4) Apply

Step-6: assign Roles

 **Assign Roles**

Global roles

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

1

User/group to add Add

Item roles

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

User/group to add Add

User/group to add Add

2

Save **Apply**