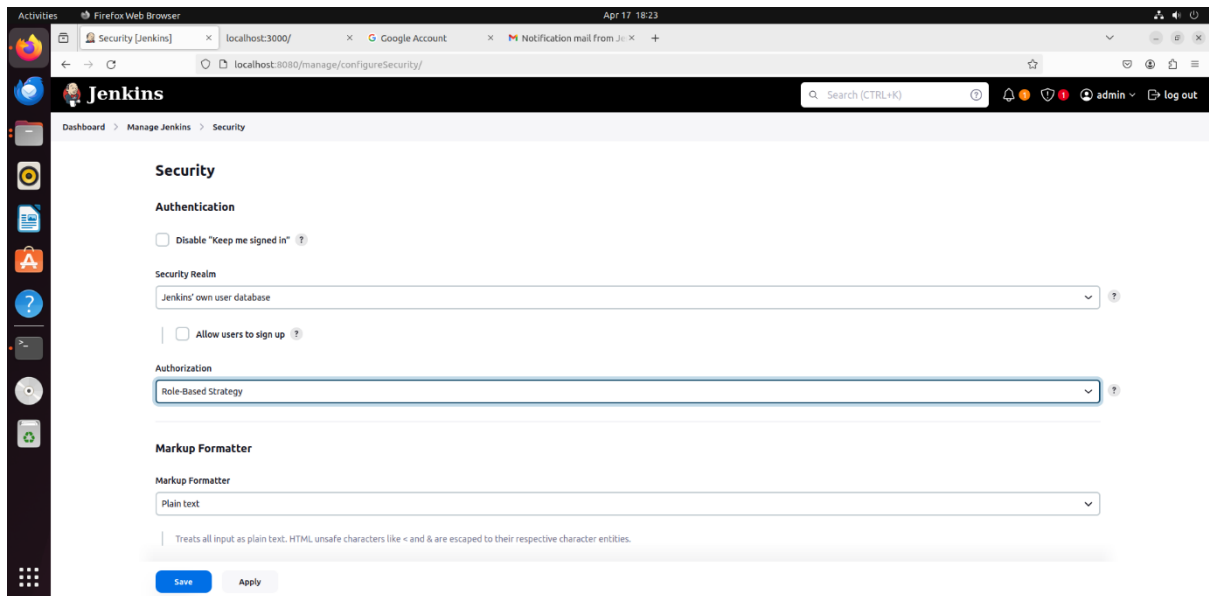


1(install role based plugins)



2(in security configure auth to role based)

Security



Security

Secure Jenkins; define who is allowed to access/use the system.



Credentials

Configure credentials



Credential Providers

Configure the credential providers and types



Manage and Assign Roles

Handle permissions by creating roles and assigning them to users/groups



Users

Create/delete/modify users that can log in to this Jenkins.

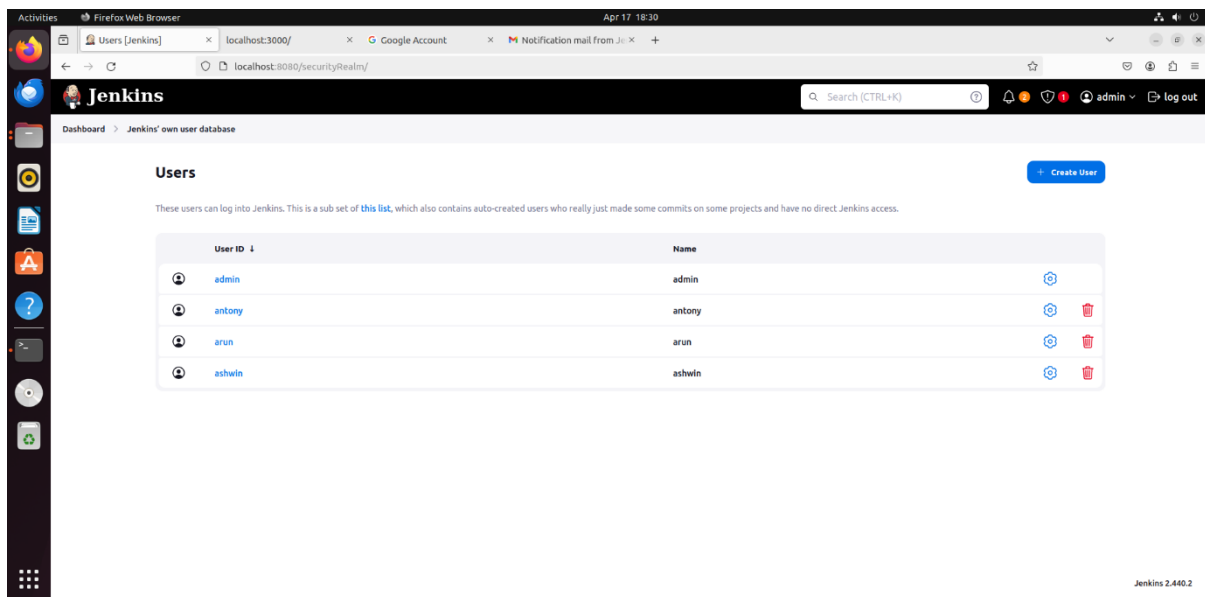


In-process Script Approval

Allows a Jenkins administrator to review proposed scripts (written e.g. in Groovy) which run inside the Jenkins process and so could bypass security restrictions. 1 scripts pending approval.

Status Information

3(manage and assign roles)



The screenshot shows the Jenkins web interface in a Firefox browser. The page title is "Users" and the breadcrumb is "Dashboard > Jenkins' own user database". A "Create User" button is in the top right. Below the header, a message states: "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." A table lists the users:

| User ID | Name |
|---------|--------|
| admin | admin |
| antony | antony |
| arun | arun |
| ashwin | ashwin |

Each row has a user icon, a settings gear icon, and a delete trash icon. The bottom right corner of the page says "Jenkins 2.440.2".

4(create users)

Activities Firefox Web Browser Apr 17 19:09

Manage Roles [Jenkins] x localhost:3000/ x Google Account x Notification mail from Jenkins x Docker Hub x +

localhost:8080/manage/role-strategy/ 130%

Jenkins Search (CTRL+K) admin log out

Dashboard > Manage Jenkins > Manage and Assign Roles > Manage Roles

Manage Roles

Assign Roles

Permission Templates

Role Strategy Macros

Manage Roles

Global roles

| Role | Overall | Credentials | | Agent | | | | | Job | | | | | Run | | View | | SCM | | | | | | | | | | |
|----------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | Administrator | Read | Create | ManageDomains | Update | View | Build | Configure | Connect | Delete | Disconnect | Provision | Cancel | Build | Configure | Create | Discover | Move | Read | Workspace | Delete | Replay | Update | Configure | Create | Delete | Read | Tag |
| admin | <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 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"/> |
| 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"/> | <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

employee

Add

Save Apply

5(create global roles)

Activities Firefox Web Browser Apr 17 19:10

Manage Roles [Jenkins] x localhost:3000/ x Google Account x Notification mail from Jenkins x Docker Hub x +

localhost:8080/manage/role-strategy/ 130%

Jenkins Search (CTRL+K) admin log out

Dashboard > Manage Jenkins > Manage and Assign Roles > Manage Roles

Item roles

| Role | Pattern | Template | Credentials | | Job | | | | | Run | | View | | SCM | | | | | | | | | | | | | |
|-----------|---------------|----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | | Create | Delete | ManageDomains | Update | View | Build | Cancel | Configure | Create | Delete | Discover | Move | Read | Workspace | Delete | Replay | Update | Configure | Create | Delete | Read | Tag | | | |
| HR | / "demo" | | <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| developer | / "develeper" | | <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| tester | / "tester" | | <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"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Role to add

tester

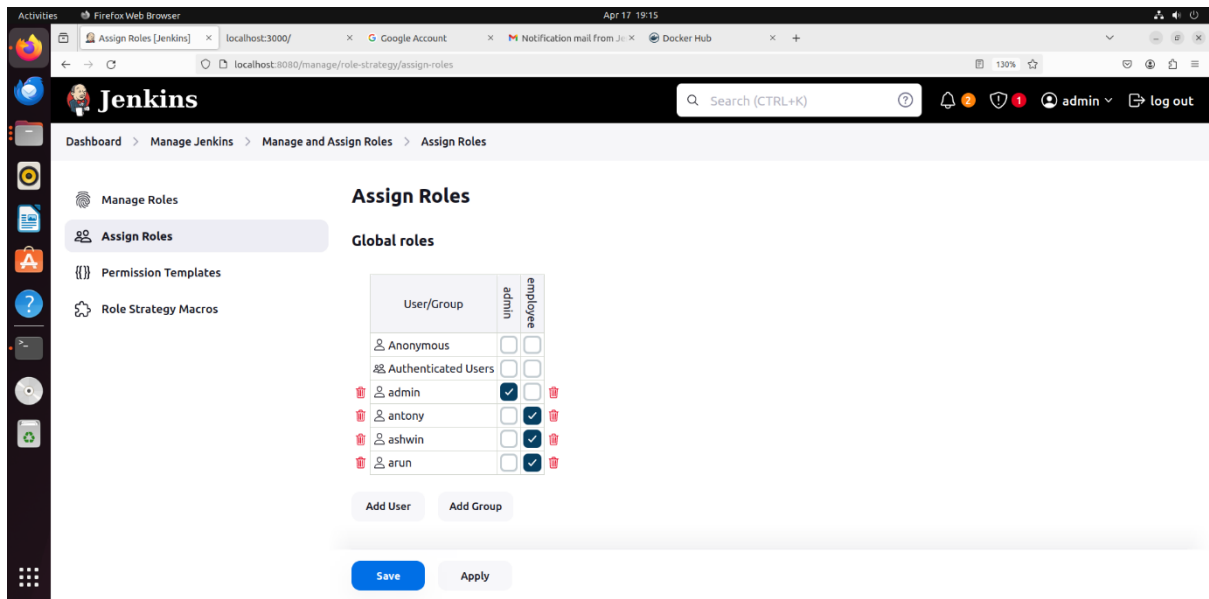
Pattern ?

tester

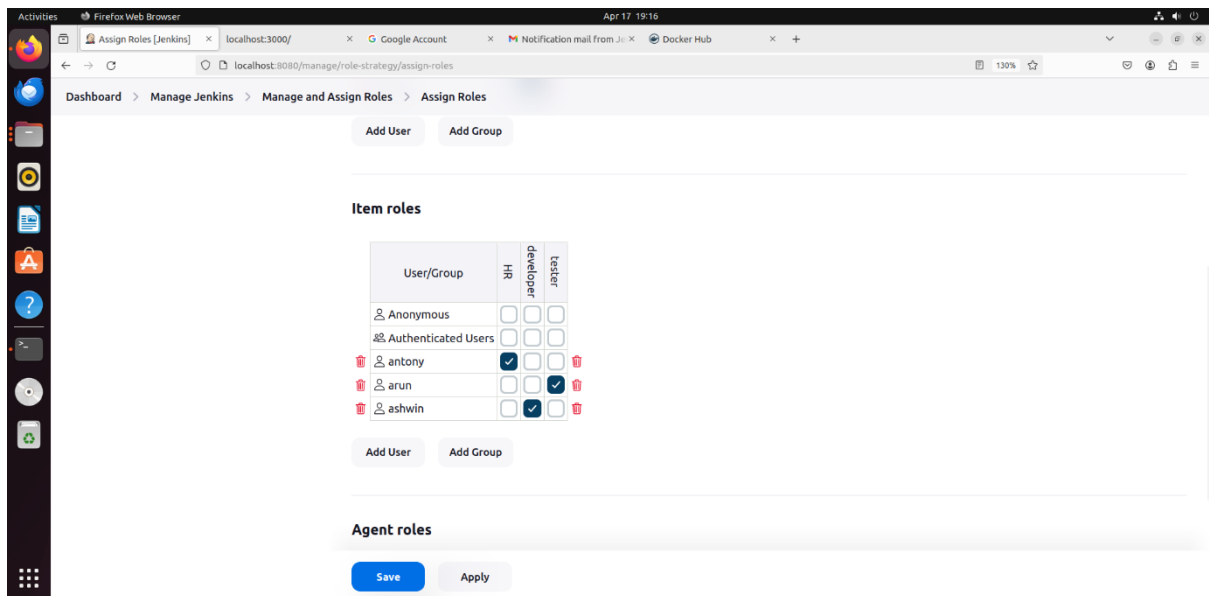
Permission Template

Save Apply

6(create item roles)



7(assign roles for global roles)



8(assign roles for item roles)

The screenshot shows the Jenkins Dashboard interface. The top navigation bar includes a search bar, a notification bell with 2 alerts, a shield icon with 1 alert, and a user profile for 'admin' with a 'log out' button. The left sidebar contains a menu with options: New Item, People, Build History, Project Relationship, Check File Fingerprint, Manage Jenkins, and My Views. The main content area displays a table of build jobs. The table has columns for status (S), icon (W), name, last success, last failure, and last duration. The jobs listed are 'demo', 'develeper', 'new', 'pipe', and 'tester'. The 'new' job is highlighted with a red status icon and a failure message. Below the table, there are links for 'Icon: S M L', 'Icon legend', and three Atom feed links: 'Atom feed for all', 'Atom feed for failures', and 'Atom feed for just latest builds'. On the left, there are two expandable sections: 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing '1 idle').

| S | W | Name ↓ | Last Success | Last Failure | Last Duration |
|-----|---|-----------|-----------------|----------------|---------------|
| ... | ☀ | demo | N/A | N/A | N/A |
| ... | ☀ | develeper | N/A | N/A | N/A |
| ✖ | ☁ | new | 5 days 21 hr #4 | 1 day 23 hr #7 | 41 sec |
| ✓ | ☀ | pipe | 1 hr 45 min #4 | N/A | 43 sec |
| ... | ☀ | tester | N/A | N/A | N/A |

9(admin can see all the roles)

The screenshot shows the Jenkins Dashboard interface from the perspective of user 'antony'. The top navigation bar is similar to the previous one, but the user profile is 'antony' with a 'log out' button. The left sidebar menu is the same. The main content area shows a table with build jobs. Only the 'demo' job is visible in the table. Below the table, there are links for 'Icon: S M L', 'Icon legend', and three Atom feed links: 'Atom feed for all', 'Atom feed for failures', and 'Atom feed for just latest builds'. On the left, there are two expandable sections: 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing '1 idle' and '2 idle').

| S | W | Name ↓ | Last Success | Last Failure | Last Duration |
|-----|---|--------|--------------|--------------|---------------|
| ... | ☀ | demo | N/A | N/A | N/A |

10(hr can see demo)

Activities Firefox Web Browser Apr 17 19:19

Dashboard [Jenkins] x localhost:3000/ x Google Account x Notification mail from Ji x Docker Hub x +

localhost:8080 130% ? ? ? ?

Jenkins

Search (CTRL+K) ashwin log out

Dashboard >

- People
- Build History
- Project Relationship
- Check File Fingerprint
- My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

| S | W | Name ↓ | Last Success | Last Failure | Last Duration |
|-----|---|-----------|--------------|--------------|---------------|
| ... | ☀ | develeper | N/A | N/A | N/A |

Icon: S M L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

REST API Jenkins 2.440.2

11(developer can see developer role)

Activities Firefox Web Browser Apr 17 19:20

Dashboard [Jenkins] x localhost:3000/ x Google Account x Notification mail from Ji x Docker Hub x +

localhost:8080 130% ? ? ? ?

Jenkins

Search (CTRL+K) arun log out

Dashboard >

- People
- Build History
- Project Relationship
- Check File Fingerprint
- My Views

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

| S | W | Name ↓ | Last Success | Last Failure | Last Duration |
|-----|---|--------|--------------|--------------|---------------|
| ... | ☀ | tester | N/A | N/A | N/A |

Icon: S M L

Icon legend

Atom feed for all

Atom feed for failures

Atom feed for just latest builds

REST API Jenkins 2.440.2

12(tester can see tester role)

