

## Launch jenkins and explore creating projects and users.

### Launch jenkins

**STEP 1** - java --version

**STEP 2** - apt update

**STEP 3** - apt install java -y

**STEP 4** - install jenkins lib & dependency

**STEP 5** - install jenkins repo

**STEP 6** - apt update

**STEP 7** - apt install jenkins -y


**STEP 8** - jenkins instance > security > security grp > add inbound rules > custom tcp 8080 port > save it

**STEP 9** - ipaddress:8080

**STEP 10** - get the password and connect it

```
root@ip-172-31-32-49:/home/ubuntu# jenkins --version
2.462.2
root@ip-172-31-32-49:/home/ubuntu# vim /var/lib/jenkins/secrets/initialAdminPassword
root@ip-172-31-32-49:/home/ubuntu# cat /var/lib/jenkins/secrets/initialAdminPassword
6830fbccfcb8409ca7d536be3a90fa8d
root@ip-172-31-32-49:/home/ubuntu#
```

Security groups

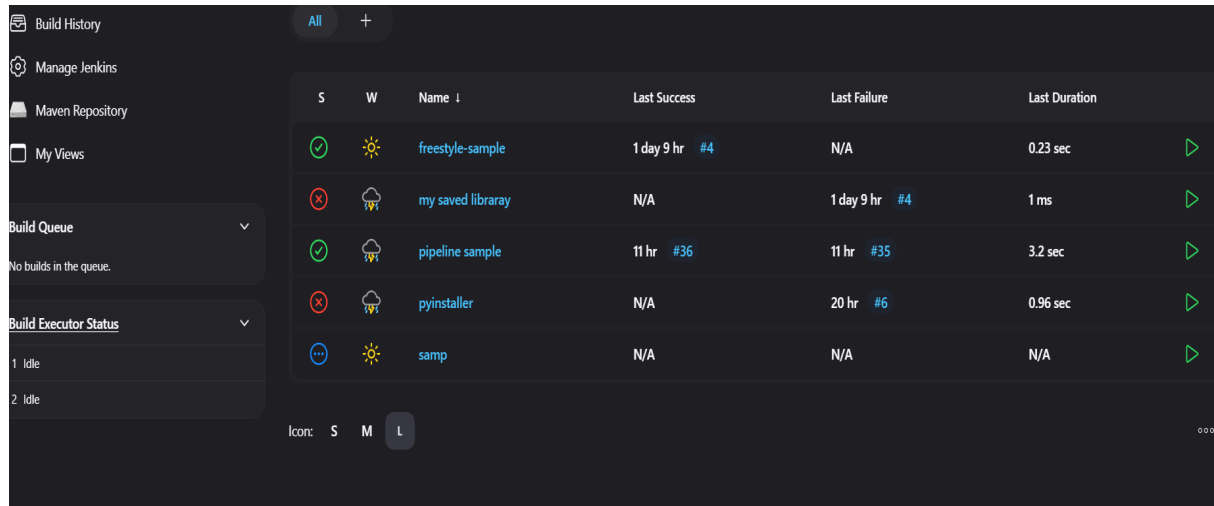
 [sg-0de600cef1dea9800 \(launch-wizard-26\)](#)

▼ Inbound rules

Filter rules					< 1	
Name	Security group rule ID	Port range	Protocol	Source		
-	sgr-0c33b5ab6dab9f151	22	TCP	0.0.0.0/0		
-	sgr-038b843565abcd7f2	8080	TCP	0.0.0.0/0		

## explore creating projects and users.

### STEP 11 - Jenkins > new > create a required project



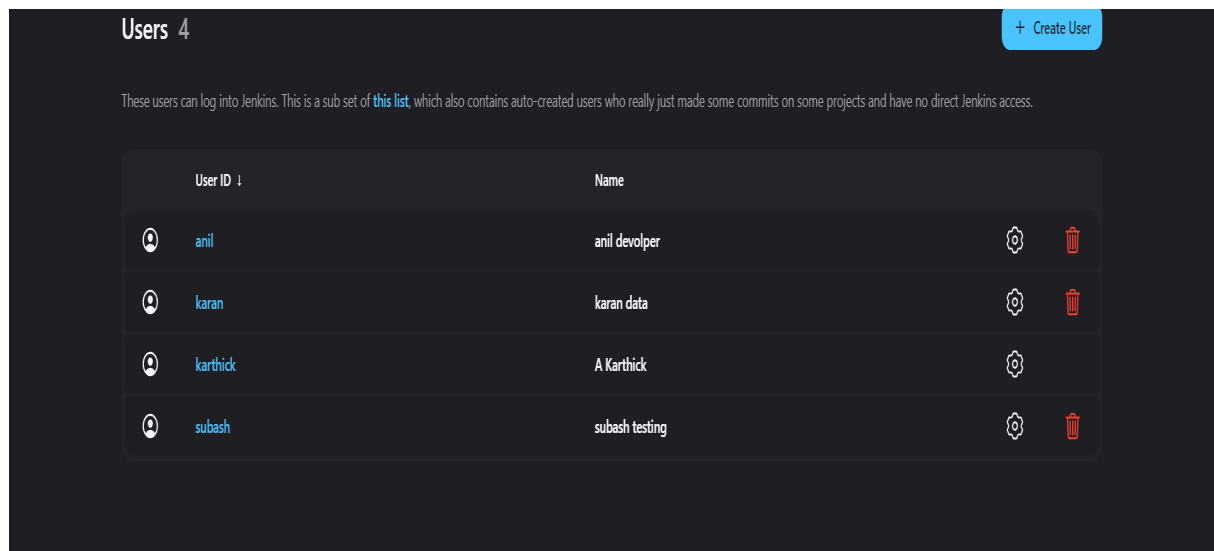
The screenshot shows the Jenkins Build History page. On the left sidebar, there are links for 'Build History', 'Manage Jenkins', 'Maven Repository', and 'My Views'. Below these are sections for 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing two idle executors). The main area displays a table of build history for the 'All' filter. The table has columns for status (S), weather icon (W), Name, Last Success, Last Failure, and Last Duration. There are five rows of build data.

S	W	Name ↓	Last Success	Last Failure	Last Duration
✓	☀️	freestyle-sample	1 day 9 hr #4	N/A	0.23 sec
✗	☁️	my saved libraray	N/A	1 day 9 hr #4	1 ms
✓	☁️	pipeline sample	11 hr #36	11 hr #35	3.2 sec
✗	☁️	pyinstaller	N/A	20 hr #6	0.96 sec
⋮	☀️	samp	N/A	N/A	N/A

Icon: S M L

### STEP 12 - Manage jenkins > security > owner > save

### STEP 13 - Manage jenkins > users > create user



The screenshot shows the Jenkins Users page. At the top, it says 'Users 4' and has a '+ Create User' button. Below this is a note: '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.' The main area displays a table of users with columns for User ID, Name, and action icons (gear and trash).

User ID ↓	Name	
anil	anil devolper	⚙️ 🗑️
karan	karan data	⚙️ 🗑️
karthick	A Karthick	⚙️
subash	subash testing	⚙️ 🗑️