

Setup Jenkins Credentials

Click Manage Jenkins -> manage Credentials

Dashboard > Manage Jenkins

 My Views

Build Queue

No builds in the queue.

Build Executor Status

Built-In Node

1 Idle

2 Idle

Ubuntu-app-agent

1 Idle

2 Idle

System Configuration



Configure System

Configure global settings and paths.



Global Tool Configuration

Configure tools, their locations and automatic installers.



Manage Plugins

Add, remove, disable or enable plugins that can extend the functionality of Jenkins.



Manage Nodes and Clouds

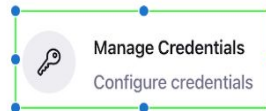
Add, remove, control and monitor the various nodes that Jenkins runs jobs on.

Security



Configure Global Security

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



Manage Credentials

Configure credentials



Configure Credential Providers

Configure the credential providers and types



Manage Users

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

Status Information



System Information

Displays various environmental information to assist trouble-shooting.



System Log

System log captures output from `java.util.logging` output related to Jenkins.



Load Statistics

Check your resource utilization and see if you need more computers for your builds.

Jenkins Credentials

- .Add git credentials if source code needs credentials to clone the source code.
- .Multiple ways either you can add user/pass else can create a token from version control tool
- .Similarly for docker hub either we can save credentials with jenkins and call it in the scripted Jenkinsfile else we can login to app server and store the docker hub creds

Add Credentials

Dashboard > Manage Jenkins > Credentials > System > Global credentials (unrestricted) >

New credentials

Kind

- ✓ Username with password
- GitHub App
- SSH Username with private key
- Secret file
- Secret text
- X.509 Client Certificate
- Certificate

Username ?

☐ Treat username as secret ?

Password ?

ID ?

Description ?

Create

Install Pluggin

Dashboard > Manage Jenkins

+ New Item

👤 People

📅 Build History

⚙️ Manage Jenkins

👤 My Views

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1 Idle

2 Idle

Manage Jenkins

New version of Jenkins (2.361.3) is available for [download](#) ([changelog](#)).

Or Upgrade Automatically

Building on the built-in node can be a security issue. You should set the number of executors on the built-in node to 0. See [the documentation](#).

Manage

Dismiss

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Install Pluggin

Dashboard > Manage Jenkins > Update Center

↑ Back to Dashboard

⚙ Manage Jenkins

🔧 Manage Plugins

Installing Plugins/Upgrades

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

Loading plugin extensions  Success

Loading plugin extensions  Success

Authentication Tokens API  Success

Docker Commons  Installing



Docker Pipeline  Pending

Loading plugin extensions  Pending

→ [Go back to the top page](#)

(you can start using the installed plugins right away)

→ ☐ Restart Jenkins when installation is complete and no jobs are running

DevOps Pipeline For Snake Project

- .Connect your jenkins agent if not connected
- .Modify the Jenkinsfile according to our source code
- .Build only the required phases for our DevOps pipeline

The screenshot displays the Jenkins web interface for a project named 'Multiplayer-Snake-App'. The top navigation bar includes the Jenkins logo and a search bar. The left sidebar contains a list of actions: Status, Changes, Build Now, Configure, Delete Pipeline, Full Stage View, Rename, and Pipeline Syntax. The main content area shows the 'Pipeline Multiplayer-Snake-App' with a status of 'Building our Multiplayer snake application'. Below this, the 'Stage View' section displays a table of stage times for the current build (#1) and the average stage times. The stages are 'Cloning Git' (28s), 'Build-and-Tag' (30s), 'Post-to-dockerhub' (53s), and 'Pull-image-server' (9s). The bottom section shows the 'Build History' for build #1, which was completed on Nov 12, 2022, at 15:51. It also provides links for 'Atom feed for all' and 'Atom feed for failures'.

Jenkins Search (⌘+K)

Dashboard > Multiplayer-Snake-App >

Status

</> Changes

▶ Build Now

⚙️ Configure

🗑️ Delete Pipeline

🔍 Full Stage View

✎️ Rename

❓ Pipeline Syntax

Build History trend ▾

🔍 Filter builds...

🟢 #1 12 Nov 2022, 15:51

📡 Atom feed for all 📡 Atom feed for failures

Pipeline Multiplayer-Snake-App

Building our Multiplayer snake application

Stage View

Average stage times:
(Average full run time: ~2min 4s)

	Cloning Git	Build-and-Tag	Post-to-dockerhub	Pull-image-server
Average	28s	30s	53s	9s
#1	28s	30s	53s	9s

Permalinks