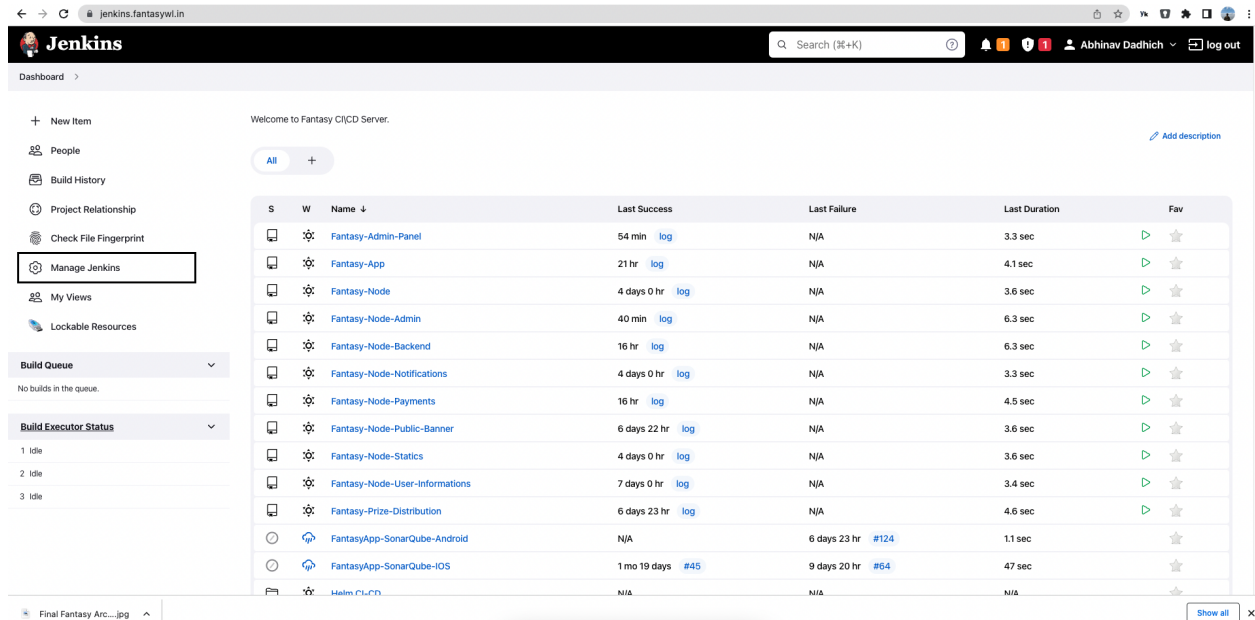


Managing Jenkins

Most of the standard administrative tasks can be performed from the console in the Manage Jenkins section of the dashboard.



Dashboard >

Welcome to Fantasy CI/CD Server.


Manage Jenkins


S	W	Name ↓	Last Success	Last Failure	Last Duration	Fav
📄	⚙️	Fantasy-Admin-Panel	54 min log	N/A	3.3 sec	▶️ ⭐
📄	⚙️	Fantasy-App	21 hr log	N/A	4.1 sec	▶️ ⭐
📄	⚙️	Fantasy-Node	4 days 0 hr log	N/A	3.6 sec	▶️ ⭐
📄	⚙️	Fantasy-Node-Admin	40 min log	N/A	6.3 sec	▶️ ⭐
📄	⚙️	Fantasy-Node-Backend	16 hr log	N/A	6.3 sec	▶️ ⭐
📄	⚙️	Fantasy-Node-Notifications	4 days 0 hr log	N/A	3.3 sec	▶️ ⭐
📄	⚙️	Fantasy-Node-Payments	16 hr log	N/A	4.5 sec	▶️ ⭐
📄	⚙️	Fantasy-Node-Public-Banner	6 days 22 hr log	N/A	3.6 sec	▶️ ⭐
📄	⚙️	Fantasy-Node-Statics	4 days 0 hr log	N/A	3.6 sec	▶️ ⭐
📄	⚙️	Fantasy-Node-User-Information	7 days 0 hr log	N/A	3.4 sec	▶️ ⭐
📄	⚙️	Fantasy-Prize-Distribution	6 days 23 hr log	N/A	4.6 sec	▶️ ⭐
🕒	🔗	FantasyApp-SonarQube-Android	N/A	6 days 23 hr #124	1.1 sec	⭐
🕒	🔗	FantasyApp-SonarQube-iOS	1 mo 19 days #45	9 days 20 hr #64	47 sec	⭐
📁	⚙️	Helium CI-CD	N/A	N/A	N/A	⭐


Final Fantasy Arc..._jpg


Show all


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.


**Configuration as Code**
Reload your configuration or update configuration source


**Managed files**
e.g. settings.xml for maven, central managed scripts, custom files, ...


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

**Manage 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.

System Configuration :-

Configure System

Configure global settings and paths for the Jenkins instance

Dashboard > Manage Jenkins > Configure System >

+ New Item

👤 People

📅 Build History

🔗 Project Relationship

🔍 Check File Fingerprint

⚙️ Manage Jenkins

👤 My Views

🔒 Lockable Resources

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

3 Idle

Configure System

Home directory ?

By default, Jenkins stores all of its data in this directory on the file system

/var/jenkins_home

System Message

This message will be displayed at the top of the Jenkins main page. This can be useful for posting notifications to your users

Welcome to Fantasy CRCD Server.

[Plain text] Preview

of executors

3

Labels

Usage ?

Use this node as much as possible

Quiet period ?

Save Apply

Global Tool Configuration

Configure tools, their locations, and automatic installers

Dashboard > Manage Jenkins > Global Tool Configuration

↑ Back to Dashboard

⚙️ Manage Jenkins

Global Tool Configuration

Maven Configuration

Default settings provider

Use default maven settings

Default global settings provider

Use default maven global settings

JDK

JDK installations

List of JDK installations on this system

Add JDK

Git

Git installations

Git

Save Apply

Manage Plugins

Add, update, remove, disable/enable plugins that extend the functionality of Jenkins.

Dashboard > Manage Jenkins > Plugin Manager

Back to Dashboard

Manage Jenkins

Plugin Manager

UpdatesAvailableInstalledAdvanced

Q Filter

<input type="checkbox"/>	Name ↓	Released	Installed
<input type="checkbox"/>	<div>Active Choices 2.6.4</div> <div>User Interface Build Parameters</div> <div>This plug-in provides additional parameter types for jobs, that allow you to cascade changes and render images or other HTML elements instead of the traditional parameter.</div>	2 mo 12 days ago	2.6.3
<input type="checkbox"/>	<div>Amazon ECR 1.107.ve50d37906739</div> <div>aws</div> <div>This plugin generates Docker authentication token from Amazon Credentials to access Amazon ECR.</div>	11 days ago	1.73.v741d474abe74
<input type="checkbox"/>	<div>Blue Ocean Core JS 1.25.8</div> <div>Blue Ocean Core JS Plugin. This plugin is a part of the Blue Ocean Plugin set.</div>	2 mo 5 days ago	1.25.5
<input type="checkbox"/>	<div>Bootstrap 5 API 5.2.1-3</div> <div>Library plugins (for use by other plugins)</div> <div>Provides Bootstrap 5 for Jenkins Plugins. Bootstrap is (according to their self-perception) the world's most popular front-end component library to build responsive, mobile-first projects on the web.</div>	1 mo 13 days ago	5.1.3-7
<input type="checkbox"/>	<div>Checks API 1.8.0</div> <div>Build Notifiers Build Reports Library plugins (for use by other plugins) Other Post-Build Actions</div>	13 days ago	1.7.4

Download now and install after restart

Update information obtained: 1 day 23 hr ago

Check now

Manage Nodes and Clouds

Add, remove, control, and monitor the nodes used for the agents on which build jobs run.

Dashboard > Manage Jenkins > Nodes >

Back to Dashboard

Manage Jenkins

New Node

Configure Clouds

Node Monitoring

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

3 Idle

Manage nodes and clouds

Refresh status

S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-in Node	Linux (amd64)	In sync	8589934588.75 GB	<div>0 B</div>	28.96 GB	0ms
	Data obtained	53 min	53 min	53 min	53 min	53 min	53 min

REST API Jenkins 2.361.3

Configuration as Code

Configure your Jenkins instance using a human-readable YAML file rather than the UI. This is an optional feature that appears in this group only when the plugin is installed on your controller, it contains all the configuration in a human-readable YAML file with all our cluster creds, aws creds, RBAC, etc. Each and every configuration which we have performed over jenkins will be present here in this yaml file.

Apply

Manage Credentials

Configure the credentials that provide secure access to third-party sites and applications that interact with Jenkins.

Dashboard > Manage Jenkins > Credentials

System

(global)

46ff5495-3b37-4ea2-bdc2-20e42438e6ae

Secret text

System

(global)

8247cbd9-8127-472a-b100-bded28732ecd

Secret text

System

(global)

24f4e983-b9bf-4732-9e5b-cb83e984a35c

yudz_abhinav*****

System

(global)

sonarqube-key-ravi

Sonarqube User Based Key

System

(global)

26f4cc30-6b08-4a4b-b64e-12ca4e4a818a

Secret text

System

(global)

ae91a969-736d-4e0b-9395-9e12a3f6e56e

Secret text

System

(global)

dd745f35-9a2c-4929-8610-273b0b85cf67

ravi@kyada*****

System

(global)

593ca6e1-5a5f-45ee-8e9e-aa0a5c900a2d

yudz-bhavin*****

System

(global)

github-whook-issue-test

yudz-bhavin***** (test for github whook)

System

(global)

github-whook-org

yudz-bhavin***** (ghub-wghook-org)

System

(global)

aman-github

yudz-amanm*****

System

(global)

aman-gittab

yudz_AmanM***** (Aman Gittab Creds)

Stores scoped to Jenkins

P Store +

System

Domains

(global)

Icon: S M L

REST API Jenkins 2.361.3

Configure Credential Providers

Configure credential providers and types

Dashboard > Manage Jenkins > Configure Credential Providers

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Lockable Resources

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

3 Idle

Configure Credential Providers

Providers

All available

Types

All available

Restrictions

Add +

Save

Apply

Jenkins 2.361.3

Manage Users

Manage users defined in the Jenkins user database. This is not used if you use a different security realm such as LDAP or AD.

Dashboard > Manage Jenkins > Jenkins' own user database

↑ Back to Dashboard

⚙️ Manage Jenkins

👤 Users

+ Create User

Users

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.

User ID ↓	Name	
admin	Jenkins Admin	
admin123	Admin	
yudiz_abhinav	Abhinav Dadhich	
yudiz_aman	Aman Makwana	
yudiz_bhargav	Bhargav Surani	
yudiz_bhavin	Bhavin Gandha	
yudiz_jay	Jay Dobariya	
yudiz_nisarg	Nisarg satani	
yudiz_nisha	Nisha Solanki	
yudiz_prasanth	Prasanth Kumar	
yudiz_ravik	Ravi Kyada	
yudiz_ravim	Ravi Moliya	

Manage and Assign Roles:

Here You can configure the RBAC For the Jenkins Users, You can Create and Assign Respective Roles to the Respective Users.

IMPORTANT NOTE: Always manage jenkins RBAC Helm Files, and you Must Update Configurations as code in Values.yaml. So whenever jenkins “Restart” It always Picks updated value from the Value.yaml and our configurations will not be lost.

Jenkins

Search (⌘+K)

Ravi Kyada

Dashboard > Manage Jenkins > Manage and Assign Roles

+ New Item

People

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Lockable Resources

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

3 Idle

Manage and Assign Roles

Manage Roles
Manage Roles

Assign Roles
Assign Roles

Role Strategy Macros
Provides info about macro usage and available macros

Jenkins 2.361.3

Status Information group :-

System Information

Displays information about the Jenkins environment.

System Log

Jenkins log that contains all java.util.logging output related to Jenkins.

Load Statistics

Displays information about resource utilization on your Jenkins instance.

About Jenkins

Provides version and license information for your Jenkins instance.

Troubleshooting group :-

Manage Old Data

Remove configuration information related to plugins that have been removed from the instance.

Dashboard > Manage Jenkins > Manage Old Data

+ New Item

👤 People

📄 Build History

🔗 Project Relationship

🔍 Check File Fingerprint

⚙️ Manage Jenkins

👥 My Views

🔒 Lockable Resources

Build Queue

No builds in the queue.

Build Executor Status

1 Idle

2 Idle

3 Idle

Manage Old Data

When there are changes in how data is stored on disk, Jenkins uses the following strategy: data is migrated to the new structure when it is loaded, but items/records are not resaved in the new format. This allows for downgrading Jenkins if necessary. However, it can also leave data on disk in the old format indefinitely. The table below lists items/records containing such data, and the Jenkins version(s) where the data structure was changed.

Sometimes errors occur while reading data (if a plugin adds some data and that plugin is later disabled, if migration code is not written for structure changes, or if Jenkins is downgraded after it has already written data not readable by the older version). These errors are logged, but the unreadable data is then skipped over, allowing Jenkins to start up and function properly.

Type ↓	Name	Version	Error
No old data was found.			

Jenkins 2.361.3

Reload Configuration from Disk

Discard all data that is loaded in memory and reload everything from the file system. This is useful when you modify configuration files directly on disk.

Jenkins CLI

How to use the Jenkins CLI from a shell or script.

Script Console

Execute an Apache Groovy script for administration, troubleshooting, and diagnostics.

Prepare for Shutdown

Prevents new builds from starting so that the system can be shut down safely. Displays a red banner with a custom message so that users know what is about to happen.

IMPORTANT NOTES :-

- 1) Use updated Jenkins helm charts :
<https://github.com/jenkinsci/helm-charts/tree/main/charts/jenkins>
- 2) Manage time to time Backup of Configuration as code: as all of our secrets, users creds, cluster creds, aws creds, etc are stored in configuration as code - You can store it in S3 and Setup Pre Signed URL
- 3) Make Sure You don't Update the plugins which are configured using Helm charts (ie:- values.yaml). Otherwise it will result in version conflict at the time of Jenkins .