


## **Topic 3: Jenkins Fundamentals**

# Jenkins Dashboard

 **Jenkins**


search


?


admin


log out


Dashboard


 New Item


 People

 Build History

 Manage Jenkins


 My Views

 Lockable Resources

 New View

**Build Queue** ^

No builds in the queue.

 [add description](#)

## Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

### Start building your software project

Create a job →

### Set up a distributed build

Set up an agent →

Configure a cloud →

# Manage Jenkins Options in Dashboard

- \* **Configure System**
- \* **Reload Configuration from Disk**
- \* **Manage Plugins**
- \* **System Information**
- \* **System Logs**
- \* **Load Statistics**
- \* **Manage Nodes etc**

# Jenkins Plugins

**Jenkins is the most used open-source CI/CD solution out there.**

**Being a FOSS project usually means that there's an ever-growing number of extensions and capabilities for Jenkins being developed by users.**

**There are over 1000 plugins available in the Jenkins plugins repository  
<https://plugins.jenkins.io/>**

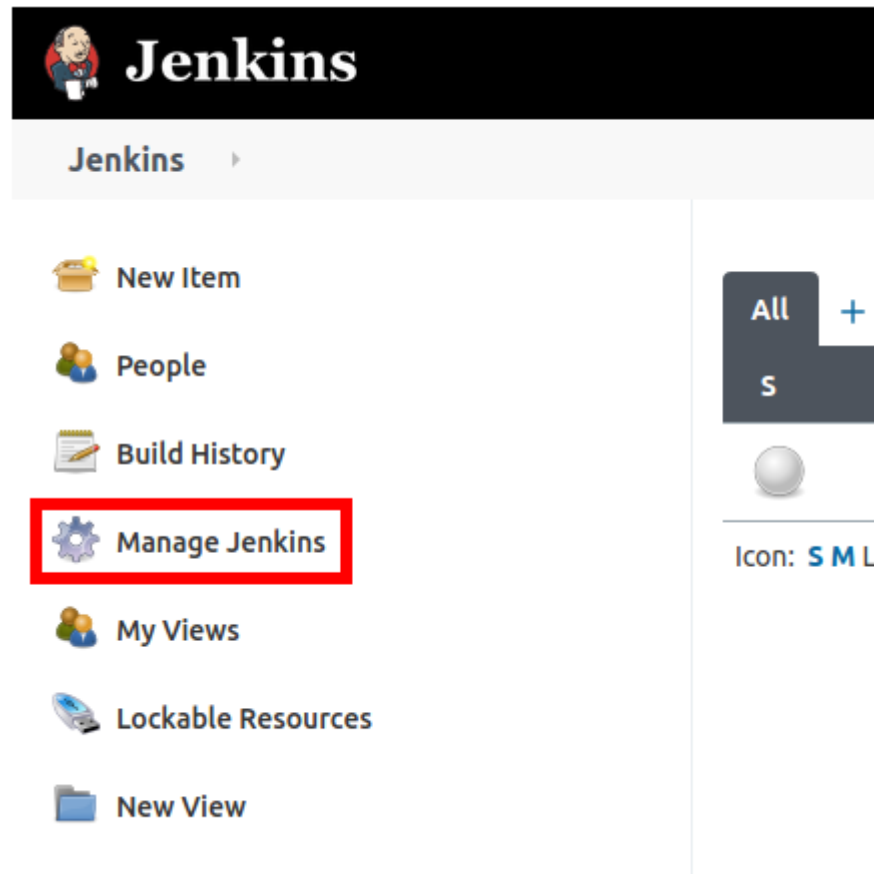
# Jenkins Plugins Categories

- \* **Platforms**
- \* **User Interfaces**
- \* **Administration**
- \* **SCM**
- \* **Build Management**

# Install Plugins

## Login in Jenkins Dashboard

> Click on Manage Jenkins on Left menu



# Install Plugins

**Clicking this button will take you to the Manage Jenkins menu screen. Under System Configuration, you should see a Manage Plugins button.**

## Manage Jenkins

### 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.

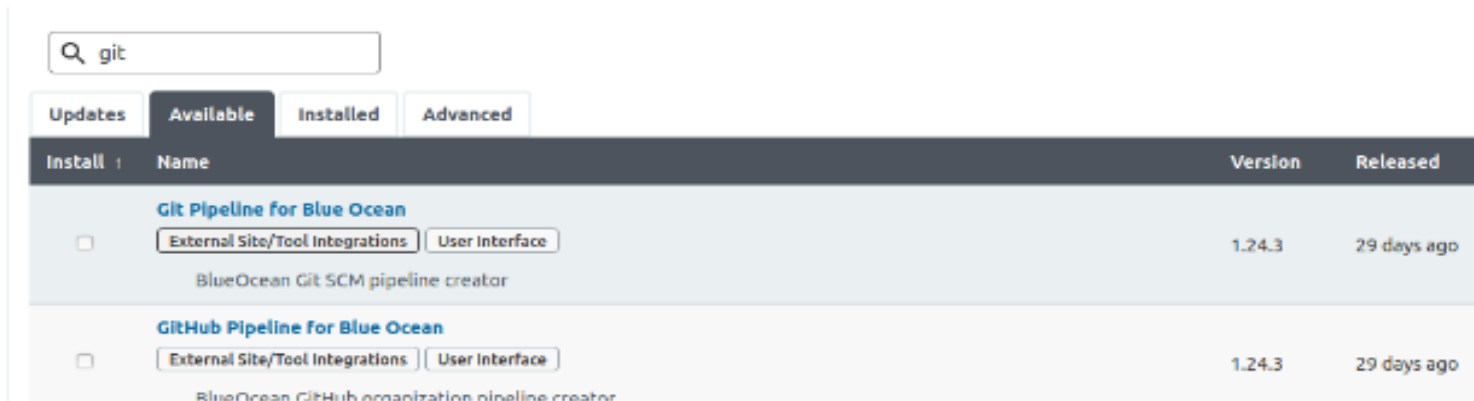


#### Manage Nodes and Clouds

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

# Install Plugins

Jenkins Plugin Manager will have couple of tabs that allow you to view plugins that have updates, plugins that are already installed, install new plugins, and configure some advanced options. By selecting the Available tab, we can install some plugins.





# Some Commonly Used Plugins

- \* **Kubernetes Plugins**
- \* **AWS CodeDeploy Plugins**
- \* **Maven Integration Plugins**
- \* **JIRA Plugins**
- \* **Build Pipelines Plugins**
- \* **ThinBackup Plugins**
- \* **Docker Build Step Plugins**
- \* **Jenkins Disk-Usage Plugins**
- \* **GIT SCM Plugins**