

Module-8: Jenkins Assignment - 3

You have been asked to:

Create a pipeline in Jenkins

Once a push is made to the “develop” branch in git, trigger job “test”. This will copy git files to test node

If the test job is successful, then the prod job should be triggered

Prod jobs should copy files to the prod node

Answer

I have three jobs in my Jenkins


Edit the Test Pipeline by clicking on the Job name Test → Configure

Build Triggers

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?


☐ Build periodically ?

 ☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

Remove the GitHub Hook

Post-build Actions

 **Build other projects** ?

Projects to build

Prod,

☒ Trigger only if build is stable

☐ Trigger even if the build is unstable

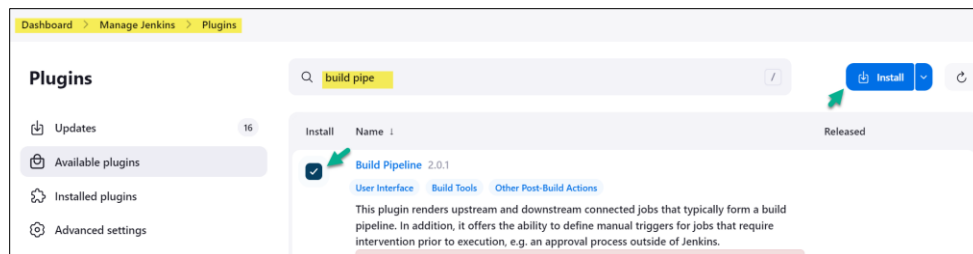
☐ Trigger even if the build fails

Add post-build action ▾

 **Save** Apply

Add Post-Build Actions → Prod → Trigger only if build is stable

Click **Save**



To trigger the downstream pipeline

Download progress

Preparation

- Checking internet connectivity
- Checking update center connectivity
- Success

Parameterized Trigger ✓ Success

Oracle Java SE Development Kit Installer ✓ Success

SSH server ✓ Success

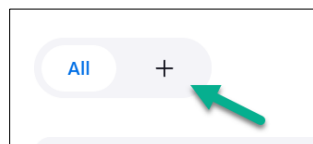
jQuery ✓ Success

Build Pipeline ✓ Success

Loading plugin extensions ✓ Success

→ [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



New view

Name

Assignment

Type

☒ **Build Pipeline View**
Shows the jobs in a build pipeline view. The complete pipeline of jobs that a version

☐ **List View**
Shows items in a simple list format. You can choose which jobs are to be displayed

☐ **My View**
This view automatically displays all the jobs that the current user has an access to.

[Create](#)

Name

Assignment

Description ?

Plain text [Preview](#)

☐ Filter build queue ?

☐ Filter build executors ?

Build Pipeline View Title

Pipeline

Pipeline Flow

Layout

Based on upstream/downstream relationship

This layout mode derives the pipeline structure based on the up

Upstream / downstream config

Select Initial Job ?

Test

Click Ok

Dashboard > Assignment >

Build Pipeline: Pipeline

Run

History

Configure

+

Add Step

Events

Manage

Pipeline P3

P4 Test

- Run P3 (2024-03-04 14:00:00)
- Test job

→

P3 Prod

- Run P3 (2024-03-04 14:00:00)
- Run job
- Run job