



Jenkins – Back Up

# Jenkins – Backup plugin

- Jenkins has a backup plugin which can be used to backup critical configuration settings related to Jenkins
- Go to [Manage Jenkins](#) → [Manage Plugins](#)
- Search for [Backup plugin](#) in 'Available' tab
- Install without restart

The screenshot shows the Jenkins 'Manage Plugins' interface. At the top right, a search filter is set to 'backup'. Below the filter, there are tabs for 'Updates', 'Available', 'Installed', and 'Advanced'. The 'Available' tab is selected. A table lists several backup-related plugins. The first plugin, 'Backup plugin', is checked for installation. At the bottom of the page, there are three buttons: 'Install without restart', 'Download now and install after restart', and 'Check now'. The 'Install without restart' button is highlighted with a red arrow.

Filter:

Updates **Available** Installed Advanced

Install ↓

	Name	Version
<input checked="" type="checkbox"/>	<a href="#">Backup plugin</a> Backups and restores Hudson/Jenkins files	1.6.1
<input type="checkbox"/>	<a href="#">Backup and interrupt job plugin</a> Back up and restore running jobs	1.0
<input type="checkbox"/>	<a href="#">Google Cloud Backup Plugin</a> Allows local and cloud-storage backups and automatic restores.	0.6
<input type="checkbox"/>	<a href="#">Periodic Backup</a>	1.3
<input type="checkbox"/>	<a href="#">SCM Sync Configuration Plugin</a> SCM Sync Configuration Jenkins plugin is aimed at 2 main features : First, keep sync'ed your config.xml (and other resources) Jenkins files with a SCM repository (backup), Secondly, track changes (and author) made on every file with commit messages.	0.0.10
<input type="checkbox"/>	<a href="#">ThinBackup</a> Backs up the most important global and job specific configuration files.	1.9

**Install without restart** **Download now and install after restart** **Check now**

Update information obtained: 1 day 0 hr ago

# Jenkins – Backup Manager

- Go to [Manage Jenkins](#) → [Backup Manager](#)



## [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



## [Backup manager](#)

Backup or Restore Jenkins configuration files



## [Prepare for Shutdown](#)

Stops executing new builds, so that the system can be eventually s

- Click on Backup Manager, Click on Setup



## Backup manager



### [Setup](#)



### [Backup Hudson configuration](#)



### [Restore Hudson configuration](#)

# Jenkins – Backup Manager contd

- You provide the Back Up folder Location and Save
- Now Click on [Backup Hudson Configuration](#)



## Backup config files

### Backup configuration

Hudson root directory C:\Users\HP\jenkins

Backup directory

C:\Users\HP\jenkinsbackup



Format

zip ▼

File name template

backup\_@date@.@extension@

Custom exclusions

☐ Verbose mode

☐ Configuration files (.xml) only

☐ No shutdown

### Backup content

☐ Backup job workspace

☐ Backup builds history

☐ Backup maven artifacts archives

☐ Backup fingerprints

Save

# Jenkins – Backup Manager contd

- You can see that Jenkins was put to shut down mode and a back up was taken
- After the back up, Jenkins was brought back to normal mode

**Jenkins is going to shut down**

```
[ INFO] Backup started at [05/12/17 12:17:38]
[ INFO] Setting hudson in shutdown mode to avoid files corruptions.
[ INFO] Waiting all jobs end...
[ INFO] Number of running jobs detected : 0
[ INFO] All jobs finished.
[ INFO] Full backup file name : C:\Users\HP\jenkinsbackup\backup_20170512_1217.zip
[ INFO] Saved files : 2214
[ INFO] Number of errors : 0
[ INFO] Cancel hudson shutdown mode
[ INFO] Backup end at [05/12/17 12:18:14]
[ INFO] [36.50s]
```

# Jenkins – Restore from a Backup

- Go to [Manage Jenkins](#) → [Backup Manager](#)
- Click on '[Restore Hudson Configuration](#)'
- You can select a Backup version file based on the date and restore Jenkins



## Backup manager

Available backup in C:\Users\HP\jenkinsbackup :

 backup\_20170512\_1217.zip

Launch restore