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Jenkins Interview Questions and Answers

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What is Jenkins?
Jenkins is an open-source continuous integration tool. The functionality of Jenkins is to keep track of version control system & initiate, monitor build system if changes occur.

SCM tools supported by Jenkins?
It supports the following tools:

- ClearCase.
- Perforce.
- Git.
- RTC.
- AccuRev.
- Subversion.

Requirements for the use of Jenkins?

- Source code repository which can be accessible, Git repository, instance.
- Script already working & built e.g maven script.

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Commands used for starting Jenkins manually?

We can use the following commands to start manually:

```
(jenkins_url)/safeRestart.
(jenkins_url)/restart.
```

Plugins that are mostly used for Jenkins?

Useful plugins for Jenkins:

- HTML publisher.
- Join.
- Maven2 project.
- Copy artifact.
- Amazon EC2.

How to copy, move Jenkins from one to another server?

- By making a clone of a job directory with a different name you can copy Jenkins.
- By renaming the existing job via renaming a directory could be done.
- Copy the linked job directory & slide job from one to another installation.

Jenkins is integrated with 2 components what are they?

The 2 components are:
Tools like apache maven & SVN, GIT(version control systems).

Advantages of Jenkins?

Following are the advantages of Jenkins:

- At integration stage, build failures are cached.
- Maven release projects are automated by using simple steps.
- Plugin support is in large scale.
- At an early stage, bugs can be identified in the development environment.
- The code is improved iteratively.

Notify the difference between Jenkins, Maven & ant?

Jenkins is an open-source continuous integration tool whereas ant & maven are Build technologies.

Steps to setup Jenkins jobs?

Step by step procedure:

1. Select item forms the menu.
2. Enter the name of the job → free-style job.
3. Press OK to continue & create a new job in Jenkins.
4. Configure you ion in the next page.

4. Configure you join in the next page.

Tool used for configuration & provisioning?

Ansible-It is an agent with less config management as well orchestration tool. The configuration modules are called 'Playbooks'. Ansible can be used for more of cloud provisioning.

Minimum JRE required for a run of Jenkin 2.1?

JRE8 or Else JDK8

Meet the author
ADMIN

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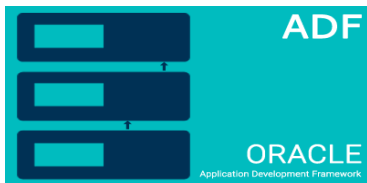Browse all 157 Tutorials ›

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