

## DevOps Interview Questions

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- 1) What is DevOps and Agile?
- 2) Mention few DevOps tools?
- 3) Explain best practices in the DevOps Community?
- 4) Differences between Git and SVN
- 5) Difference between Git and GitHub
- 6) Which command could be used to modify the commit message without creating a new commit?
- 7) What is Bare repository in git?
- 8) Explain a use case where we use git rebase?
- 9) Explain staging area in git?
- 10) Difference between git pull and fetch?
- 11) Explain staging area in Git?
- 12) Difference between git revert and git reset
- 13) What are containers?
- 14) Difference between docker containers and virtual machines
- 15) Explain different methods with which we can create docker images
- 16) How to retain the data of a container even after deleting it
- 17) Why we use docker-compose.yml file?
- 18) How many containers can be run per host?
- 19) Why we use TestNG with Selenium?
- 20) Docker swarm vs Kubernetes
- 21) What is rolling updates in Kubernetes?
- 22) Explain pods, deployments, services
- 23) Components of Kubernetes architecture
- 24) Why Nagios used?
- 25) Explain Nagios architecture?
- 26) What is NRPE?
- 27) Explain advantages of agentless architecture?

- 28) Puppet modules vs manifests?
- 29) What is Ansible galaxy?
- 30) Why we need continuous monitoring?

## Important Links

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AWS Services :

<https://searchaws.techtarget.com/definition/Amazon-Web-Services>

Tutorial AWS Code Pipeline:

<https://docs.aws.amazon.com/codepipeline/latest/userguide/tutorials-simple-s3.html>

Kubernetes Dashboard:

<https://kubernetes.io/docs/tasks/access-application-cluster/web-ui-dashboard/>

Nagios states:

<https://assets.nagios.com/downloads/nagioscore/docs/nagioscore/3/en/statetypes.html>

Nagios notifications:

<https://assets.nagios.com/downloads/nagioscore/docs/nagioscore/3/en/notifications.html>

NRPE on Ubuntu:

<https://support.nagios.com/kb/article.php?id=515#Ubuntu>

Plugin:

<http://nagios-plugins.org/doc/guidelines.html>

Monitoring by Nagios:

<https://tecadmin.net/monitor-remote-linux-host-using-nagios/>

Install tomcat on ubuntu:

<https://www.digitalocean.com/community/tutorials/how-to-install-apache-tomcat-8-on-ubuntu-16-04>