**Interview questions for DevOps**

**Linux:**

1. [What is Linux?](https://intellipaat.com/blog/interview-question/linux-interview-questions/#1)  
   [2. Compare Linux with Windows.](https://intellipaat.com/blog/interview-question/linux-interview-questions/#2)  
   [3. What are the components of the Linux system?](https://intellipaat.com/blog/interview-question/linux-interview-questions/#3)  
   [4. Suppose, you wish to print a file ‘draft’ with 60 lines on a page. What command would you use?](https://intellipaat.com/blog/interview-question/linux-interview-questions/#5)  
   [5. How to check memory stats and CPU stats as a Linux Admin?](https://intellipaat.com/blog/interview-question/linux-interview-questions/#9)

6. Create new group name (DevOps\_11:30AM) and create all user's and add to created group.

7. Create new directories (DevOps\_11:30AM) provide the user level all permissions.

8. Create sample student files contains like all about your information like (name, education, pass out year, years of exp)

1. How to Display your workspace directory path
2. Create directory like Aws copy the all file's to DevOps\_11:30AM to Aws directory
3. Create empty file like DevOps\_version1 in Aws directory save the output , and change the file name to DevOps\_Version
4. Create empty directory like null and remove the directory
5. Search the file passwd where it will be available
6. Print recently used command
7. Create an employee file add the data into?

**Git & GitHub**

[1.What are Git and GitHub?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#1)  
[2. What is the difference between Git and GitHub?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#2)  
[3. What is a Git repository? Name some popular Git hosting services.](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#3)  
[4. What is a version control system? Mention its types.](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#4)  
[5. What are the main differences between Git and SVN?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#5)  
[6. What are the advantages of using GIT?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#6)  
[7. What language is used in GIT?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#7)  
[8. What are the advantages of Git over SVN?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#8)  
[9. What is Git Bash?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#9)  
[10. What is the meaning of “Index” or “Staging Area” in GIT?](https://intellipaat.com/blog/interview-question/git-interview-questions-answers/#10)

11. What Is Git lifecycle?

12.How to undo the changes in working area & staging area & local repo?

**Maven :**

1. [How do you define Maven?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#How_do_you_define_Maven)  
   [2. What are the various components that Maven handles?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#What_are_the_various_components_that_Maven_handles)  
   [3. What components go into making a pom.xml file?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#What_components_go_into_making_a_pom_xml_file)  
   [4. What purposes do Maven plugins serve? What categories do Maven plugins fall under?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#What_purposes_do_Maven_plugins_serve_What_categories_do_Maven_plugins_fall_under)  
   [5. How can Maven be installed on Linux?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#How_can_Maven_be_installed_on_Ubuntu)  
   [6. Could you explain the meanings of Clean, Default, and Site in the context of Maven?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#Could_you_explain_the_meanings_of_Clean_Default_and_Site_in_the_context_of_Maven)  
   [7. What is the best way to run test classes in Maven?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#What_is_the_best_way_to_run_test_classes_in_Maven)  
   [8. What is a Maven Repository?](https://intellipaat.com/blog/interview-question/maven-interview-questions/#What_is_a_Maven_Repository)  
   [9. Explain the workings of the Maven architecture](https://intellipaat.com/blog/interview-question/maven-interview-questions/#Explain_the_workings_of_the_Maven_architecture)  
   [10. Tell us about the naming conventions typically followed for Maven projects.](https://intellipaat.com/blog/interview-question/maven-interview-questions/#Tell_us_about_the_naming_conventions_typically_followed_for_Maven_projects)

**SonarQube:**

1.What is SonarQube?

1. Why to use SonarQube?
2. What is difference between Sonar Runner and Sonar Scanner?
3. What is sonarqube quality profile?
4. What is sonarqube quality gates?
5. What is the use of Sonarqube database?
6. Describe the architecture of the Sonar.
7. How to configure sonar to Jenkins?
8. Sonar port?

**Nexus:**

1.What is Nexus?

2.Why to use Nexus?

3.How to configure nexus to Jenkins?

4.Nexus repos?

5.Nexus port?

**Tomcat:**

[1. What is Apache Tomcat?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#1_What_is_Apache_Tomcat)

1. [Why do we require Apache Tomcat?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#2_Why_do_we_require_Apache_Tomcat)
2. [What is the name of inbuilt Web Container in Tomcat?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#3_What_is_the_name_of_inbuilt_Web_Container_in_Tomcat)
3. [What are the types of batch file with the help of which we can Start and Stop Apache Tomcat Server?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#4_What_are_the_types_of_batch_file_with_the_help_of_which_we_can_Start_and_Stop_Apache_Tomcat_Server)
4. [Which is the vital configuration file that is used in Apache Tomcat?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#5_Which_is_the_vital_configuration_file_that_is_used_in_Apache_Tomcat)
5. [Mention the configuration files of Catalina.](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#6_Mention_the_configuration_files_of_Catalina)
6. [What are the vital benefits of Running Tomcat as service?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#7_What_are_the_vital_benefits_of_Running_Tomcat_as_service)
7. [What is the deployment process of web application using the WAR file?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#8_What_is_the_deployment_process_of_web_application_using_the_WAR_file)
8. [What are the configured Tomcat Valve’s?](https://www.devopsschool.com/blog/top-50-apache-tomcat-interview-questions-and-answers/#9_What_are_the_configured_Tomcat_Valves)
9. Tomcat port?
10. How to configure tomcat to Jenkins?

**Jenkins:**  
[1. What is Jenkins?](https://www.interviewbit.com/jenkins-interview-questions/#what-is-jenkins)

[2. Tell me something about Continuous Integration, Continuous Delivery, and Continuous Deployment?](https://www.interviewbit.com/jenkins-interview-questions/#ci-cd-continuous-deployment)

[3. What are the common use cases Jenkins is used for?](https://www.interviewbit.com/jenkins-interview-questions/#use-cases-of-jenkins)

[4. What are the ways to install Jenkins?](https://www.interviewbit.com/jenkins-interview-questions/#ways-to-install-jenkins)

[5. What is a Jenkins job?](https://www.interviewbit.com/jenkins-interview-questions/#jenkins-job)

[6. What is a Jenkins Pipeline?](https://www.interviewbit.com/jenkins-interview-questions/#what-is-jenkins-pipeline)

[7. What are the types of Jenkins pipelines?](https://www.interviewbit.com/jenkins-interview-questions/#types-of-jenkins-popeline)

[8. Explain Jenkins Multibranch Pipeline?](https://www.interviewbit.com/jenkins-interview-questions/#jenkins-multibranch-pipeline)

[9. How do you store credentials in Jenkins securely?](https://www.interviewbit.com/jenkins-interview-questions/#store-credentials-in-jenkins-security)

[10. How can we stop a scheduled job from being executed temporarily?](https://www.interviewbit.com/jenkins-interview-questions/#stopping-scheduled-job)

[11. What are the ways to trigger a Jenkins Job/Pipeline?](https://www.interviewbit.com/jenkins-interview-questions/#ways-to-trigger-jenkins-job)

1[2. What is Jenkins Build Cause?](https://www.interviewbit.com/jenkins-interview-questions/#jenkins-build-cause)

1[3. How Jenkins knows when to execute a Scheduled job/pipeline and how it is triggered?](https://www.interviewbit.com/jenkins-interview-questions/#excuting-schedules-pipeline)

1[4. What are the credential types supported by Jenkins?](https://www.interviewbit.com/jenkins-interview-questions/#credential-types-supported-by-jenkins)

1[5. What are the Scopes of Jenkins Credentials?](https://www.interviewbit.com/jenkins-interview-questions/#scopes-of-jenkins-credentials)

1[6. What is a Jenkins Shared Library and how it is useful?](https://www.interviewbit.com/jenkins-interview-questions/#jenkins-shared-library)

1[7. How Jenkins jobs can be Triggered/Stopped/Controlled programmatically?](https://www.interviewbit.com/jenkins-interview-questions/#how-jenkins-can-be-triggered)

1[8. How to get the Jenkins version programmatically in Jobs/Pipelines or nodes other than master?](https://www.interviewbit.com/jenkins-interview-questions/#getting-jenkins-version-programmatically)

1[9. What happens when a Jenkins agent is offline and what is the best practice in that situation?](https://www.interviewbit.com/jenkins-interview-questions/#what-happens-when-jenkins-agent-is-offline)

[20. How is continuous integration achieved using Jenkins?](https://www.interviewbit.com/jenkins-interview-questions/#how-is-ci-achieved-in-jenkins)

[21. What is Artifact Archival & how to do it in Pipelines?](https://www.interviewbit.com/jenkins-interview-questions/#what-is-artifact-archival)

[22. How to configure inclusions & exclusions in Artifacts Archival?](https://www.interviewbit.com/jenkins-interview-questions/#how-to-configure-inclusions-&-exclusions)

[23. How can we share information between different build steps or stages in a Jenkins Job?](https://www.interviewbit.com/jenkins-interview-questions/#share-information-between-build-steps-or-stages)

[24. How code coverage is measured/tracked using Jenkins in a CI environment?](https://www.interviewbit.com/jenkins-interview-questions/#how-code-coverage-is-measured)

[25. How can a job configuration be reset to an earlier version/state?](https://www.interviewbit.com/jenkins-interview-questions/#job-configuration-reset)

[26. How to do Global Tools Configuration in Jenkins?](https://www.interviewbit.com/jenkins-interview-questions/#global-tools-configuration)

[27. How to create & use a Shared Library in Jenkins?](https://www.interviewbit.com/jenkins-interview-questions/#create-and-use-shared-library)

[28. How to install a Custom Jenkins Plugin or a Version of Plugin Not available in Jenkins Update Center?](https://www.interviewbit.com/jenkins-interview-questions/#install-custom-jenkins-plugins)

[29. How to download the Console log for a particular Jenkins build programmatically?](https://www.interviewbit.com/jenkins-interview-questions/#downloading-console-log)

[30. What is Jenkins Remote Access API?](https://www.interviewbit.com/jenkins-interview-questions/#jenkins-remove-access-api)

[31. What is In-process Script Approval and how it works?](https://www.interviewbit.com/jenkins-interview-questions/#in-process-script-approval)

[32. Can we monitor Jenkins using common Observability tools?](https://www.interviewbit.com/jenkins-interview-questions/#monitor-jenkins-using-common-tools)

[33. What is a Ping Thread in Jenkins and how it works?](https://www.interviewbit.com/jenkins-interview-questions/#what-is-ping-thread)