1. What is Jenkins used for

Jenkins is an open source continuous integration/continuous delivery and deployment (CI/CD), It is used to implement CI/CD workflows, called pipelines.

1. What is Jenkins agent? What is Jenkins executor (Build Executor)?

An agent is typically a machine, or container, which connects to a Jenkins controller and executes tasks when directed by the controller.

* A Jenkins executor is one of the basic building blocks which allow a build to run on a node/agent (e.g. build server).

1. Explain Jenkins master-slave architecture ?

A Jenkins slave node is simply a device configured to act as an automation executor on behalf of the master.

Master/slave is a model of asymmetric communication or control where one device or process (the "master") controls one or more other devices or

processes (the "slaves") and serves as their communication hub.

4.







