Certified Jenkins Engineer

Jenkins : Architectural Overview
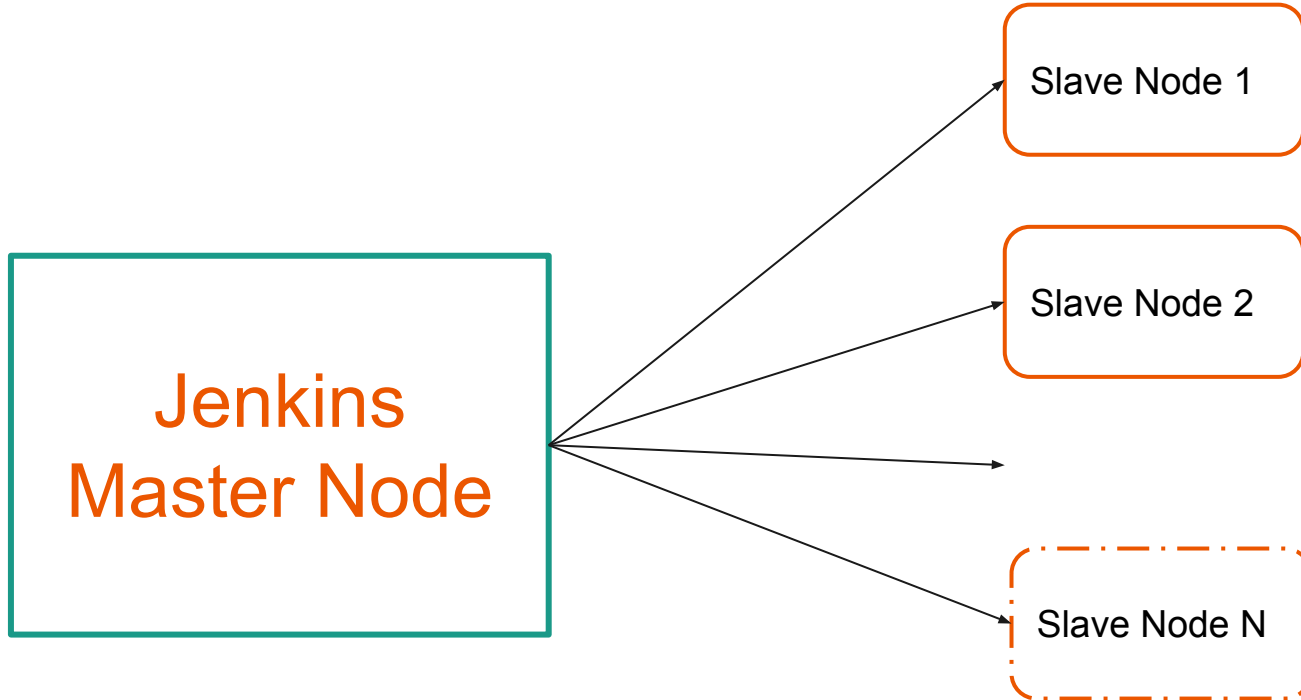
Jenkins CI/CD

➜ **Jenkins Architecture**

➜ **Function of Master/Slave**

Jenkins Architecture

➤ **Jenkins** follow the master slave architecture.

➤ **Master Node** - Work like a Controller

➤ **Worker Node** - Slave/Worker node will work as a Execution Node

➤ Single Master Node can have Multiple Worker Node.

➤ Master Controls the Load Distribution on Slave Nodes.

Jenkins Architecture

Jenkins
Master Node

Slave Node 1

Slave Node 2

Slave Node N

Jenkins Architecture

➢ **Master Node -**
  ○ Schedule Build Job
  ○ Dispatch Build Execution to Slave Node
  ○ Monitor Slave and Record the Build Result

➢ **Slave Node -**
  ○ Execute Build dispatched by Master

Thank You...

Don't be the Same! Be Better!!!