

CICD with Jenkins

Module Three: Jenkins Distributed Architecture



Jenkins Distributed Architecture

- The main node is the default node
 - Runs the Jenkins instance
 - Manages access to Jenkins Interface
 - Should be the only node accessible via web interface
- The master/main node is the controller
 - Best practice is that CI/CD jobs are delegated to other nodes
- Agent/Slave nodes
 - Tasked with running parts of the CI/CD jobs
 - Agents are tagged so they can be used selectively
 - Jenkins does not have to be installed on an agent
 - Just Java to run the Jenkins agent jar file
 - Communication takes place via ssh



AWS EC2 Master and Agent

Demo



End of Module

