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LESSON : JENKINS

SUBJECT : AGENT NODE & DSL JOB

BATCH : B 303

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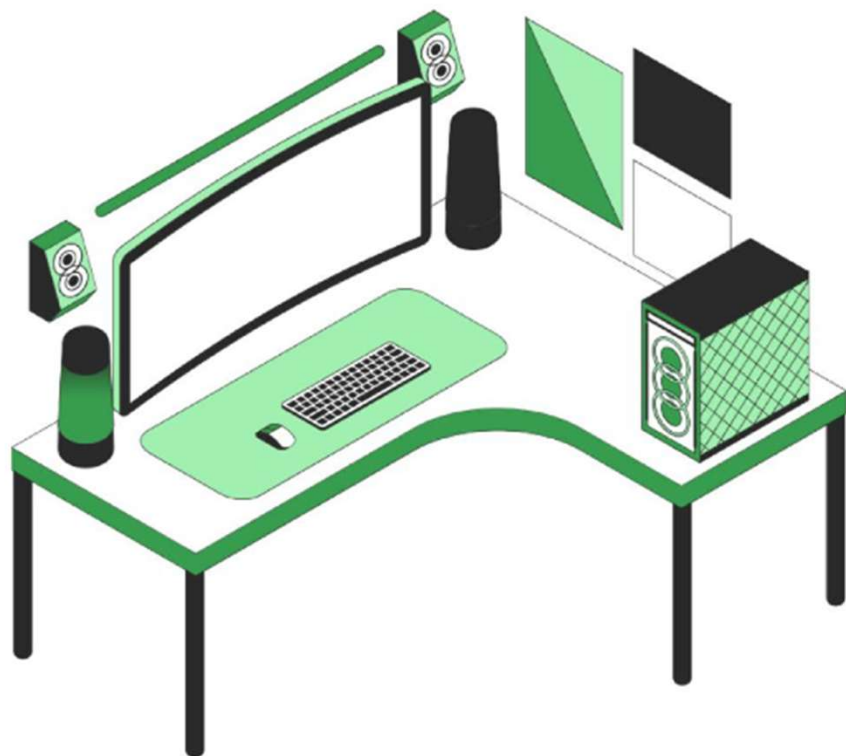+1 (585) 304 29 59

Agent Node

In Jenkins, an agent (formerly slave) is a remote machine used to run build processes. Jenkins architecture is built on the master-agent model.

```
pipeline {
    agent {
        label 'docker && linux'
    }
    stages {
        // Stages here
    }
}
```

DSL Job

Jenkins DSL is a Groovy-based language used to programmatically define Jenkins jobs.

```
job('Example-Freestyle-Job') {
    description('Bu örnek bir freestyle jobdır')
    scm {
        git {
            remote {
                url('https://github.com/example/example-repo.git')
            }
            branch('main')
        }
    }
    triggers {
        scm('H/5 * * * *')
    }
    steps {
        shell('echo "Hello World"')
        maven {
            goals('clean package')
            mavenOpts('-Xms512m -Xmx1024m')
        }
    }
    publishers {
        mailer('team@example.com', true, true)
    }
}
```

Do you have any questions?

Send it to us! We hope you learned something new.

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