How to setup a node agent on server for Jenkins to control as a slave

<https://stackoverflow.com/questions/24255439/how-to-setup-jenkins-slave-to-run-as-a-windows-service-using-command-line>

1. Install Java Runtime Environment
2. Run the following with the agent.jar file copied to the dir

E:\software>java -jar agent.jar -jnlpUrl [http://canatsp13eval:8080/computer/canatdswindev2/slave-agent.jnlp -secret 3066dcb6b1b508bf5036176385d2df4954e38aabb1b956d747c21b792e03223b -workDir E:\](http://canatsp13eval:8080/computer/canatdswindev2/slave-agent.jnlp%20-secret%203066dcb6b1b508bf5036176385d2df4954e38aabb1b956d747c21b792e03223b%20-workDir%20E:\)

1. The connection will generate this output

E:\software>java -jar agent.jar -jnlpUrl http://canatsp13eval:8080/computer/canatdswindev2/slave-agent.jnlp -secret 3066dcb6b1b508bf5036176385d2df4954e38aabb1b956d747c21b792e03223b -workDir E:\

Jun 02, 2020 11:11:31 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir

INFO: Using E:\remoting as a remoting work directory

Jun 02, 2020 11:11:31 AM org.jenkinsci.remoting.engine.WorkDirManager setupLogging

INFO: Both error and output logs will be printed to E:\remoting

Jun 02, 2020 11:11:32 AM hudson.remoting.jnlp.Main createEngine

INFO: Setting up agent: canatdswindev2

Jun 02, 2020 11:11:32 AM hudson.remoting.jnlp.Main$CuiListener <init>

INFO: Jenkins agent is running in headless mode.

Jun 02, 2020 11:11:32 AM hudson.remoting.Engine startEngine

INFO: Using Remoting version: 4.3

Jun 02, 2020 11:11:32 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir

INFO: Using E:\remoting as a remoting work directory

Jun 02, 2020 11:11:32 AM hudson.remoting.jnlp.Main$CuiListener status

INFO: Locating server among [http://canatsp13eval:8080/]

Jun 02, 2020 11:11:33 AM org.jenkinsci.remoting.engine.JnlpAgentEndpointResolver resolve

INFO: Remoting server accepts the following protocols: [JNLP4-connect, Ping]

Jun 02, 2020 11:11:33 AM hudson.remoting.jnlp.Main$CuiListener status

INFO: Agent discovery successful

Agent address: canatsp13eval

Agent port: 54699

Identity: f6:44:73:13:40:34:c1:95:bf:e8:d2:3b:80:63:2f:d8

Jun 02, 2020 11:11:33 AM hudson.remoting.jnlp.Main$CuiListener status

INFO: Handshaking

Jun 02, 2020 11:11:33 AM hudson.remoting.jnlp.Main$CuiListener status

INFO: Connecting to canatsp13eval:54699

Jun 02, 2020 11:11:33 AM hudson.remoting.jnlp.Main$CuiListener status

INFO: Trying protocol: JNLP4-connect

Jun 02, 2020 11:11:33 AM hudson.remoting.jnlp.Main$CuiListener status

INFO: Remote identity confirmed: f6:44:73:13:40:34:c1:95:bf:e8:d2:3b:80:63:2f:d8

Jun 02, 2020 11:11:34 AM hudson.remoting.jnlp.Main$CuiListener status

INFO: Connected

1. On Jenkins in the Build Executor status section check for the server to appear as online

