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Kura Labs

Deploy 6

EC2 for Jenkins Master Created

-Amazon Linux 2 AMI

-SSH into EC2 for Jenkins Master using publicIPv4

Bash Script created/installed for dependencies - EC2(Jenkins Master)

in terminal:

chmod 777 download.sh (for permissions)

./download.sh

EC2 for Agent 1

-Ubuntu Server 20.04

-SSH into EC2 for Agent 1 using publicIPv4

Bash Script created/installed for EC2 for Agent 1

File created in terminal (linux.pem) this is where the RSA key is

chmod 400 linux.pem (for permissions)

ssh -i linux.pem ubutnu using privateIPv4

in terminal:

bash script created/installed into nano download.sh

chmod777 download.sh

./download.sh

EC2 for agent 2

-Ubuntu Server 20.04

-SSH into EC2( Jenkins Master)

File created in terminal (linux.pem) this is where the RSA key is

chmod 400 (for permissions)

SSH into private IPv4

Afterwards in terminal

run maven –version

Bash script created/installed for dependencies

In terminal

chmod 777 download.sh (for permissions)

./download.sh

After setting up the instances, connected into Jenkins

<http://publicIPv4:8080>

in terminal

SSH into Jenkins Master

Jenkins password received and put into jenkins

sudo cat/var/lib/jenkins/secrets/initialAdminPassword

Installed Plugins:

NodeJS

Amazon EC2

Maven Integration

In Jenkins

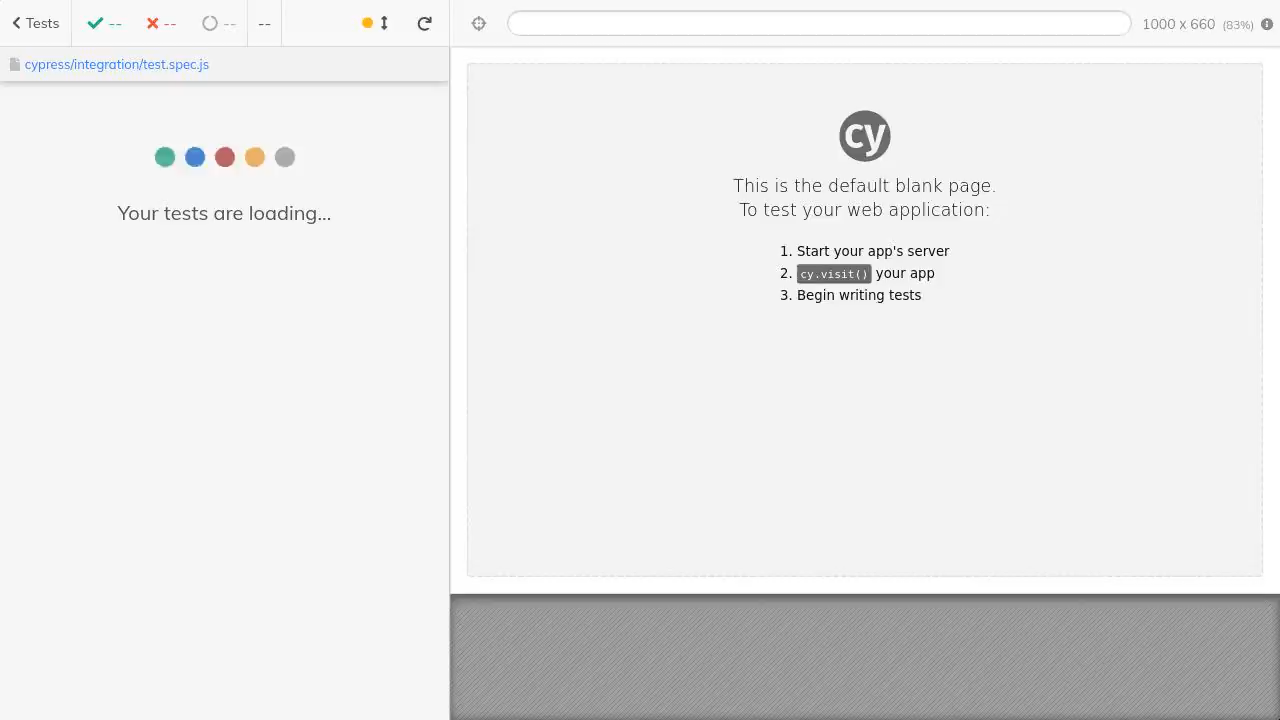
Created 2 different agents (nodes)1 and 2

Connected Custom Github To Jenkins

Concluded with Build, test, and Deploy

Graphical user interface, text, application

Description automatically generatedGraphical user interface, application, Teams

Description automatically generatedGraphical user interface, application

Description automatically generated