**Name:** Gopavaram Mohan Kumar

**Batch:** April 15th, 2022

**Tutor:** Raham Shaik

**Project Name:** Configuration through Ansible.

**Project: Install Docker Git Tree and Httpd services through Ansible on the RedHat Machine.**

1. Configured ansible on the Master node.
2. As per the Project Requirements took one RedHat and Ubuntu flavour’s machines and connected to an ansible master node.

Text

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1. Written Ansible playbook for installing Docker, Git, Tree, and HTTPD services on the RedHat Machine.

Text

Description automatically generated

1. Ran the playbook by running the ( ansible-playbook playbook.yml) command.



1. Playbook successfully configured and installed Docker, Git, Tree, and HTTPD services on the RedHat Machine. Checked Versions of the Docker, Git, Tree, and HTTPD services.

Text

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1. To check the httpd services taken instance Public IP address and pasted on the browser to access the httpd services with the port number: 80.

Graphical user interface

Description automatically generated with medium confidence

**Project: Install Java Maven Jenkins through Ansible on the Ubuntu Machine.**

1. Written the installjava.yml playbook.

Text

Description automatically generated

1. Ran the installjava.yml playbook to install the Java on Ubuntu Machine.

Text

Description automatically generated

1. Successfully installed java on Ubuntu Machine and Checked Java Version.

Text

Description automatically generated

1. Written installjenkins.yml playbook to install the Jenkins service.

Text

Description automatically generated

1. Ran the intsalljenkins.yml playbook to install the Jenkins services on the Ubuntu Machine.
2. Successfully installed the Jenkins on the targeted Ubuntu Machine and checked the Jenkins version.



1. Accessed Jenkins services with the Instance Public IP Address and port number: 8080. Successfully accessed the Jenkins services.

Graphical user interface, text

Description automatically generated

1. Written installmaven.yml playbook to install the maven on the ubuntu machine.

Text

Description automatically generated

1. Ran the installmaven.yml playbook file to install maven on ubuntu machine.

Text

Description automatically generated

1. Successfully installed the maven and checked the version of the maven.

Text

Description automatically generated