Lesson 10 Demo 3: Ansible Conditionals

This section will guide you to:

* Implement conditionals through playbooks

This lab has one subsection, namely:

1. Running playbook containing conditionals

***Note:*** *Ansible 2.2.3 is already installed in your lab.*

**Step 1:** Running playbook containing conditionals

* Create a playbook file with the name **conditionals.yaml** using the below command:

**sudo nano conditionals.yaml**

* The contents for the above file should be in below format :

**---**

**- hosts: webservers**

**become: true**

**tasks:**

**- name: "Sample Message"**

**command: echo "Testing"**

**when: ansible\_facts['os\_family'] == "Ubuntu"**

* For when statement:

tasks**:**

**-** name**:** "Testing Debian"

command**:** echo “Debian”

when**:** ansible\_facts['os\_family'] == "Debian"

* For multiple conditions grouped together using “or”, “and” logical operator:

tasks**:**

**-** name**:** "Testing **either** CentOS6orDebian7systems"

command**:** echo “Either CentOS6 or Debian 7”

when**:** (ansible\_facts['distribution'] == "CentOS" and ansible\_facts['distribution\_major\_version'] == "6") or

(ansible\_facts['distribution'] == "Debian" and ansible\_facts['distribution\_major\_version'] == "7")

* For multiple conditions with a logical “and”:

tasks**:**

**-** name**:** "TestingCentOS"

command**:** echo “CentOS”

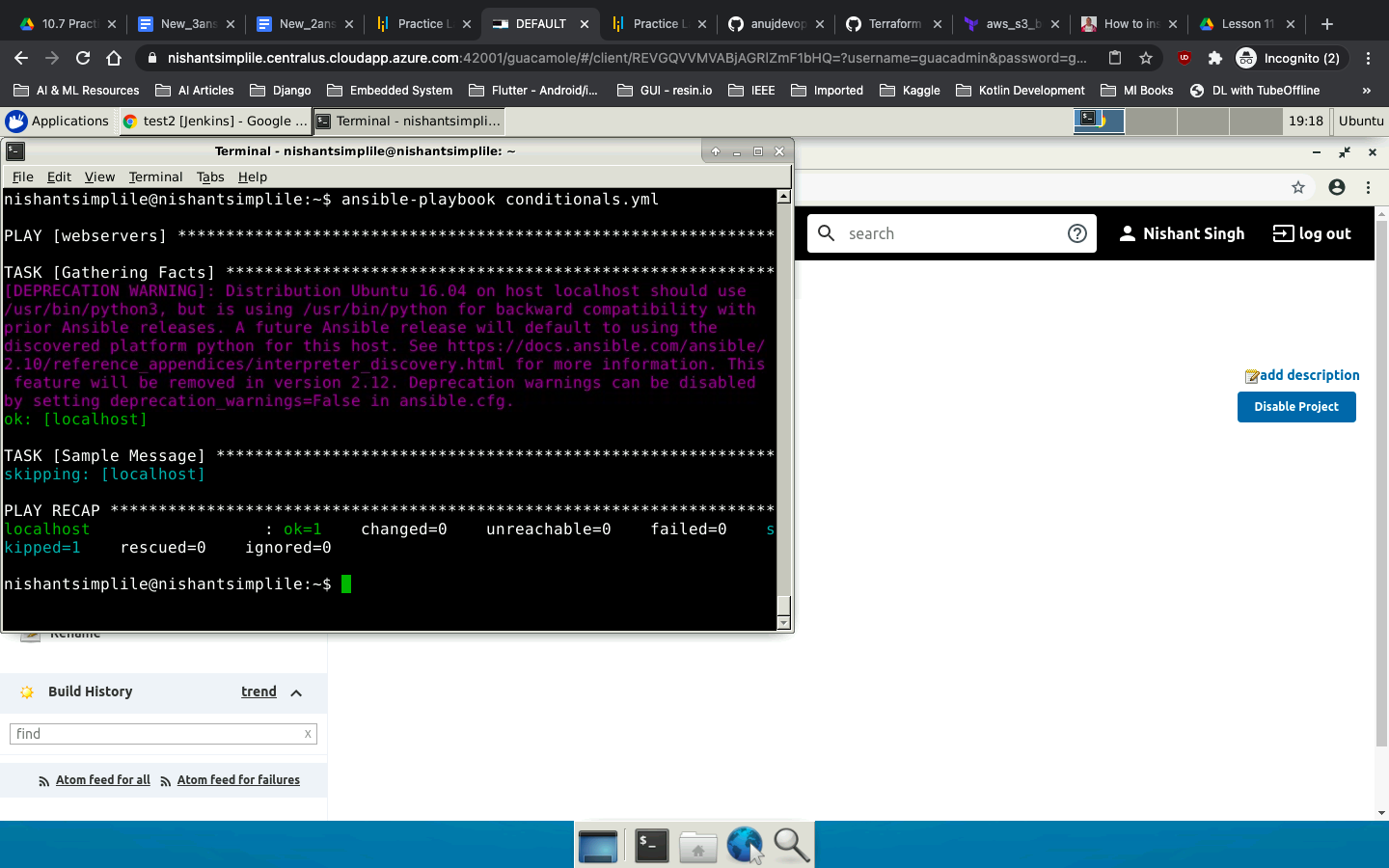
when**:**

**-** ansible\_facts['distribution'] == "CentOS"

**-** ansible\_facts['distribution\_major\_version'] == "6"

* Run the below command to run the playbook:

**sudo ansible-playbook conditionals.yaml**

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