Q1) Using configuration management tool Ansible create multiple users and confirm on your manage host.

Weekly Assessment -2

**Solution**

Launched three instance that will server three different purpose

First instance will work as a configuration management tool to configure for the rest two hosts ans-one and ans-two .

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In Ansible-server I have choses redhat distribution since it is manged by redhat

so works perfectly with redhatpython is required for ansible. In ansible we got python inbuilt (kernal >=3 all have inbuilt python installed).

Command to install ansible that I used is

yum install ansible-core\* -y

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Then modified the default configuration file for ansible

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Added our two available hosts into hosts in the ansible directory

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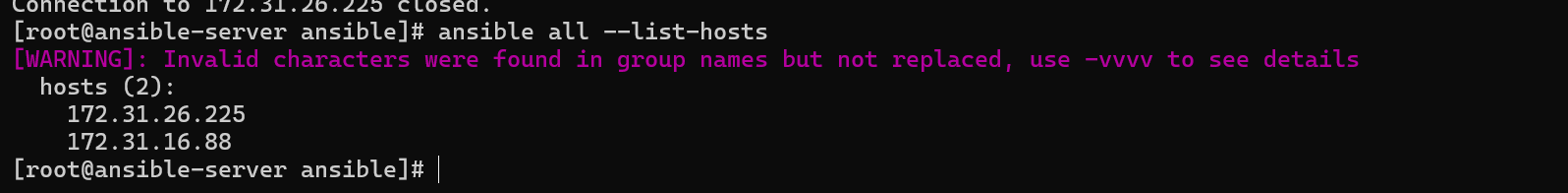
Since Ansible is an agentless tool. To communicate with mentioned hosts ssh is required so pasted the ssh public key of ansible to the available hosts into authorized\_keys

And as we can see below we are able to access the ans-one with ansible server so everything is good to go

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This will lists the available hosts



Added this into palybook name user.yaml

This will create users Vikash, Soni and Rahul into both the hosts because I have mentioned hosts as all

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Now I have executed this playbook and everything is ok as showed by the yellow color.

Command used is

ansible-playbook user.yaml –syntax-check => to validate the syntax

ansible-playbook user.yaml => to execute this

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Verifying users into ans-one

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Similarly into ans-two

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Q2) We have an EC2 instance in N. Virginia Region where a web server is running. create custom image of this server and launch new server in Ohio region using of this image

**Solution**

Launched an instance and named it dev-server into N.virginia region

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I am installing it with the help of script file

Because it have several advantages –

* reduces typo error
* Can be reused
* And time efficient

With this help of this script I am installing httpd and starting it and putting some content into index.html

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Executed by assigning a permission to execute

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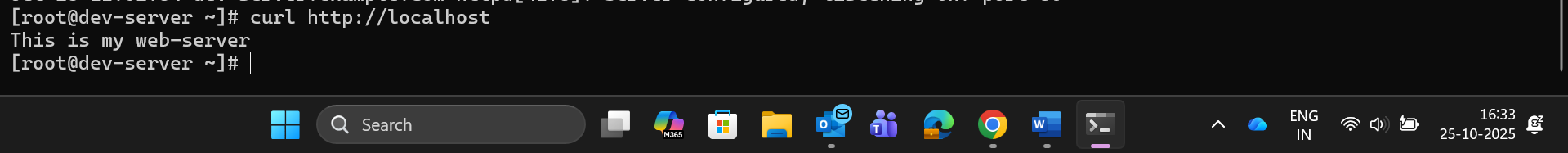
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Now can see httpd is active and running

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Here we can see our web-page



Now before creating an image out of this I will stop it since it is not recommended to make an image of a running instance because data come from disk to ram and then to cpu so there might be possibility that some data will not come.

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Created an AMI(Amazon machine image)

And copied this image into ohio region

A screenshot of a computer

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Now my image is reflecting into ohio region

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So launched an instance with this image

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Assigned hostname to it and can see with the help of rpmquery that httpd is already available and configured and status is also running

So I will directly move to running my web

And yes it is also running as can see into this screenshot

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