Jocelyn Baduria Ansible HW#1

Ansible using GCP

1. Create a new project Ansible Project

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1. A screenshot of a computer

   Description automatically generatedCreate Service Accounts

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1. After service account creation generated SSH key was created and you must save the SSH key securely.

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1. Create Compute Engine - VM instance – Free Trial

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1. Create Ubuntu, and two Centos VM instances and choose the appropriate boot disk for each VM machine.

Ubuntu Setup

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Centos Setup

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1. SSH key-gen and SSH copy-id to Ubuntu and Two Centos 1 and 2 machines were taken care of by GCP. You just have to check the secure connection of each machine. Open the terminal using Open in the browser window.

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1. Install Ansible in Ubuntu but make sure to update and upgrade the apt-get

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1. Check the Ansible if it is installed to Ubuntu Machine

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1. Configure ansible server on Ubuntu in /etc/ansible/hosts

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Add the Centos-1 and Centos-2 to [webservers]

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1. Create Ansible playbook to deploy and un-deploy the webserver Apache on Centos1 and Centos2 on port 8080.

Deploy Apache Yml

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1. Display the message “Hello World from CentosX” where X is 1 or 2, depending on which webserver is running that is accessible on a web browser on a localhost machine.

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Un-deploy Apache Yml

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Edit the yml file to un-deploy the webserver

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The webserver Apache was successfully un-deploy in centos-1 and centos-2.