

CIS4010 W24 A2
SCREENSHOTS
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This is a screenshot of me running automate.py on the2 configuration files attached to my submission: azure.conf and gcp.conf.

The first command creates a Linux machine, so it runs teh –generate-ssh-keys command as well.

The second command create a windows machine, and the azure.conf file contains the admin-password to be used for it.

They both output theri results in the table format specified by their respective platforms.

```
salmanazhar@Salmans-MBP sazhar_A2 % python3 automate.py
Executing command: az vm create --resource-group images --name linuxserver01 --image ubuntu2204 --location canadacentral --admin-username azureuser --generate-ssh-keys --output table
Command executed successfully: ResourceGroup PowerState PublicIpAddress Fqdns PrivateIpAddress MacAddress Location Zones
images VM running 20.220.206.219 10.0.0.4 60-45-BD-5B-A0-2A canadacentral

Documentation file created: VMcreation_2024-02-16:19:08:21.txt

Executing command: az vm create --resource-group images --name winserver01 --image win2022azureeditioncore --location westus3 --admin-username azureuser --admin-password blahblah123. --output table
Command executed successfully: ResourceGroup PowerState PublicIpAddress Fqdns PrivateIpAddress MacAddress Location Zones
images VM running 20.106.120.123 10.0.0.4 60-45-BD-C9-33-97 westus3

Documentation file created: VMcreation_2024-02-16:19:09:01.txt

Executing command: gcloud compute instances create gcpdebianservertest122 --zone northamerica-northeast2-a --image debian-10-buster-v20240110 --image-project debian-cloud
Command executed successfully: NAME ZONE MACHINE_TYPE PREEMPTIBLE INTERNAL_IP EXTERNAL_IP STATUS
gcpdebianservertest122 northamerica-northeast2-a n1-standard-1 10.188.0.33 34.130.111.223 RUNNING

Documentation file created: VMcreation_2024-02-16:19:09:13.txt

Executing command: gcloud compute instances create gcpubuntuservertest122 --zone northamerica-northeast2-b --image ubuntu-pro-1604-xenial-v20240126 --image-project ubuntu-os-project
Command executed successfully: NAME ZONE MACHINE_TYPE PREEMPTIBLE INTERNAL_IP EXTERNAL_IP STATUS
gcpubuntuservertest122 northamerica-northeast2-b n1-standard-1 10.188.0.34 34.130.15.51 RUNNING

Documentation file created: VMcreation_2024-02-16:19:09:29.txt

Copied contents of azure.conf to azure_2024-02-16_19-09-36.conf
Copied contents of gcp.conf to gcp_2024-02-16_19-09-36.conf
```

And here are the VM_creation files each vm created, along with the new conf files with the timestamps.

```
sazhar_A2 > ⏎ VMcreation_2024-02-16:19:09:29.txt
1 Date Stamp: 2024-02-16:19:09:29
2 System Admin Name: root
3 Name: gcpubuntuservertest122
4 Project: containers are us
5 Purpose:
6 Team:
7 Os:
8 Relevant Info: NAME ZONE MACHINE_TYPE PREEMPTIBLE INTERNAL_IP EXTERNAL_IP STATUS
9 gcpubuntuservertest122 northamerica-northeast2-b n1-standard-1 10.188.0.34 34.130.15.51 RUNNING
10
11 Status: Successfully created
12
```

```
sazhar_A2 > ⏎ VMcreation_2024-02-16:19:09:13.txt
1 Date Stamp: 2024-02-16:19:09:13
2 System Admin Name: root
3 Name: gcpdebianservertest122
4 Project: web presence canada
5 Purpose:
6 Team:
7 Os:
8 Relevant Info: NAME ZONE MACHINE_TYPE PREEMPTIBLE INTERNAL_IP EXTERNAL_IP STATUS
9 gcpdebianservertest122 northamerica-northeast2-a n1-standard-1 10.188.0.33 34.130.111.223 RUNNING
10
11 Status: Successfully created
12
```

```
sazhar_A2 > ⏎ VMcreation_2024-02-16:19:09:01.txt
1 Date Stamp: 2024-02-16:19:09:01
2 System Admin Name: root
3 Name: winserver01
4 Project: DefaultProject
5 Purpose:
6 Team:
7 Os:
8 Relevant Info: ResourceGroup PowerState PublicIpAddress Fqdns PrivateIpAddress MacAddress Location Zones
9 -----
10 images VM running 20.106.120.123 10.0.0.4 60-45-BD-C9-33-97 westus3
11
12 Status: Successfully created
13
```

```
sazhar_A2 > ⏎ VMcreation_2024-02-16:19:08:21.txt
1 Date Stamp: 2024-02-16:19:08:21
2 System Admin Name: root
3 Name: linuxserver01
4 Project: DefaultProject
5 Purpose:
6 Team:
7 Os:
8 Relevant Info: ResourceGroup PowerState PublicIpAddress Fqdns PrivateIpAddress MacAddress Location Zones
9 -----
10 images VM running 20.220.206.219 10.0.0.4 60-45-BD-5B-A0-2A canadacentral
11
12 Status: Successfully created
13
```

```
sazhar_A2 > ⚙ gcp_2024-02-16_19-09-36.conf
1 [gcp01]
2 name = GCPDebianServerTest122
3 project = Web Presence Canada
4 team = Toronto Office Web Team
5 purpose = webserver
6 os = linux
7 image = debian-10-buster-v20240110
8 imageproject = debian-cloud
9 zone = northamerica-northeast2-a
10 port = 80
11 [gcp02]
12 name = GCPUbuntuServerTest122
13 project = Containers Are Us
14 team = Toronto Office Container Team
15 purpose = containers
16 os = linux
17 image = ubuntu-pro-1604-xenial-v20240126
18 imageproject = ubuntu-os-pro-cloud
19 zone = northamerica-northeast2-b
```

```
sazhar_A2 > ⚙ azure_2024-02-16_19-09-36.conf
```

```
1 [azure01]
2 purpose = webserver
3 os = linux
4 name = linuxServer01
5 resource-group = images
6 team = Toronto Office Web Grls
7 image = Ubuntu2204
8 location = canadacentral
9 admin-username = azureuser
10 port = 80
11 [azure02]
12 purpose = office apps
13 os = windows
14 name = winServer01
15 resource-group = images
16 team = Toronto Office Web Guys
17 image = Win2022AzureEditionCore
18 location = westus3
19 admin-username = azureuser
20 admin-password = Blahblahblah123.
21
22
```