

CIS4010 W24 A2
SCREENSHOTS
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This is a screenshot of me running automate.py on the 2 configuration files attached to my submission: azure.conf and gcp.conf.

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

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

They both output their 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 win2022azurededitions --location westus3 --admin-username azureuser --admin-password blahblahblah123. --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 gcpubuntuervertest122 --zone northamerica-northeast2-b --image ubuntu-pro-1604-xenial-v20240126 --image-project ubuntu-os-pr
o-cloud
Command executed successfully:


|  | NAME                  | ZONE                      | MACHINE_TYPE  | PREEMPTIBLE | INTERNAL_IP  | EXTERNAL_IP | STATUS  |
|--|-----------------------|---------------------------|---------------|-------------|--------------|-------------|---------|
|  | gcpubuntuervertest122 | 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: gcpdebianserververtest122
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 gcpdebianserververtest122 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
```