**OCI COMMAND LINE INTERFACE**

**Installing the CLI**

The installer script automatically installs the CLI and its dependencies, Python and virtualenv.

**Windows**

1. Open the PowerShell console using the Run as Administrator option.

2. The installer enables auto-complete by installing and running a script. To allow this script to run, you must enable the RemoteSigned execution policy.

>>>>$ Set-ExecutionPolicy RemoteSigned

3. To run the installer script, run the following command.

>>>>$ powershell -NoProfile -ExecutionPolicy Bypass -Command "iex ((New-Object System.Net.WebClient).DownloadString('https://raw.githubusercontent.com/oracle/oci-cli/master/scripts/install/install.ps1'))"

Respond to the Installation Script Prompts.

4. Check the version of the OCI CLI

>>>>$ oci -version

5. Authenticate the Session

>>>>$ oci session authenticate

6. View the region list

>>>>$ oci iam region list --config-file C:\Users\DELL\.oci\config --profile edoaji-oci --auth security\_token

7. View help related to compute instance

>>>>$ oci compute instance -h

8. Start compute instance

>>>>$ oci compute instance action --action stop --instance-id ocid1.instance.oc1.iad.anuwcljtcwgiztqcyidomlvwk2nbar5vl72rl4xndedbklb3bkmxpwcfjoga --config-file C:\Users\DELL\.oci\config --profile edoaji-oci --auth security\_token

9. Stop compute instance

>>>>$oci compute instance action --action start --instance-id ocid1.instance.oc1.iad.anuwcljtcwgiztqcyidomlvwk2nbar5vl72rl4xndedbklb3bkmxpwcfjoga --config-file C:\Users\DELL\.oci\config --profile edoaji-oci --auth security\_token

**Launching an Instance using ssh**

1. ssh-keygen
2. ls
3. pwd
4. DELL@DESKTOP-HN891VJ MINGW64 ~/ssh

>>>>$ ssh -i cli opc@129.213.50.229

The authenticity of host '129.213.50.229 (129.213.50.229)' can't be established.

ECDSA key fingerprint is SHA256:6NDmUm1Gbx6bX4i5JfBfrXTnnmXhzSnZAin/f3VJnyw.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added '129.213.50.229' (ECDSA) to the list of known hosts.

Last login: Fri Jul 31 16:20:22 2020

1. Check version of the oci

>>>>[opc@cli-demo-992675 ~]$ oci -v

2.6.11

1. opc@cli-demo-992675 ~]$ oci setup config

**This command provides a walkthrough of creating a valid CLI config file.**

User OCID and Tenancy OCID:

https://docs.cloud.oracle.com/Content/API/Concepts/apisigningkey.htm#Other

Region:

https://docs.cloud.oracle.com/Content/General/Concepts/regions.htm

General config documentation:

<https://docs.cloud.oracle.com/Content/API/Concepts/sdkconfig.htm>

1. Get the public api key by cating to public.pem

>>>>[opc@cli-demo-992675 ~]$ cat ~/.oci/oci\_api\_key\_public.pem

-----BEGIN PUBLIC KEY-----

MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA4dBzf/r7rXFLwGNVSpHd

e4oigIgpNfHevHl3n6m3ExlBaWr/RUGff41/a5v3trjOUCWk7pZUFIR1PcKGpZLb

To5xPzh+FIMo1Puq5mS32F9XR2IKjaVDq160k3NnQcROKz4RSRU8eGgwyZ3cWRth

fME1NQz0U4jFcZjXqHan2DDU4edi3NSEaTH2YecaKisHy0grPyjuo7BZ8mp2EFWa

ZtTVFUHrdjcSv0BQJ+DFMD6IaQeJZGlkLlUA9y8TwbhCIl5ty5nacM8JtstBsRuM

LIh+NImZeR0s+txLmALV70gwB/6GBVucwGuKBpssAH3VvT1wXGjj7cUauhWLkyP5

RwIDAQAB

-----END PUBLIC KEY-----

1. Check if the setup is fine by checking the list of availability domai

>>>>[opc@cli-demo-992675 ~]$ oci iam availability-domain list

{

"data": [

{

"compartment-id": "ocid1.tenancy.oc1..aaaaaaaap2qv72rfpapzs26rl47kxzzgqlyccnyk366vehba22m24aamiwwa",

"id": "ocid1.availabilitydomain.oc1..aaaaaaaatrwxaogr7dl4yschqtrmqrdv6uzis3mgbnomiagqrfhcb7mxsfdq",

"name": "TqLt:US-ASHBURN-AD-1"

},

{

"compartment-id": "ocid1.tenancy.oc1..aaaaaaaap2qv72rfpapzs26rl47kxzzgqlyccnyk366vehba22m24aamiwwa",

"id": "ocid1.availabilitydomain.oc1..aaaaaaaauvt2n7pijol7uqgdnnsoojcukrijtmcltvfwxazmitk235wyohta",

"name": "TqLt:US-ASHBURN-AD-2"

},

{

"compartment-id": "ocid1.tenancy.oc1..aaaaaaaap2qv72rfpapzs26rl47kxzzgqlyccnyk366vehba22m24aamiwwa",

"id": "ocid1.availabilitydomain.oc1..aaaaaaaaztunlny6ae4yw2vghp5go2zceaonwp6wiioe3tnh2vlaxjjl2n3a",

"name": "TqLt:US-ASHBURN-AD-3"

}

]

}

1. Checking list of VCN in the compartment

>>>>[opc@cli-demo-992675 ~]$oci network vcn list --compartment-id ocid1.compartment.oc1..aaaaaaaaxx6d3usdu3x7arl6rpxpckjlrrgopdyb

1. Create VCN

>>>>[opc@cli-demo-992675 ~]$ oci network vcn create --compartment-id ocid1.compartment.oc1..aaaaaaaaxx6d3usdu3x7arl6rpxpckjlrrgopdybkhwltvxtzdoh5vdtc2yq --cidr-block 192.168.0.0/16

1. Create Subnet
2. Update route table

**RESOURCE MANAGER Terraform**

**SETTING UP A JENKINS SERVER**

$ sudo su -

$ sestatus

$ iptables -L

$ free -m

$ df -h

$ yum install java -y

$ ps -ef | grep java

$ vim /etc/sysconfig/jenkins

$ cat /var/lib/jenkins/secrets/initialAdminPassword

To disable FIREWALL run the following commands.

# systemctl disable firewalld

# systemctl stop firewalld