**Section 3: Linux**

What command would you use to find how many disks are mounted on a linux system

df – H

What command would you use to find the free/available & used RAM in a linux system?

free -m

What command would you use to search for a file called ‘important.txt’ that is present somewhere on the filesystem?

find . -name "important.txt" -print

How would you know if a linux system is running out of RAM and whether it is using swap space?

swapon -s

Free -m

What shell environment variables have you used in your day to day work?

* TERM
* USER
* MAIL
* PATH
* PWD
* LANG=en\_US.UTF-8
* SHLVL
* HOME
* LOGNAME

What command would you use to find all lines containing any of the words “hello”, “world”, “foo” and “bar”, in all text files in a given directory? Note that a single command should look for all those 4 words.

grep “hello”| “world”| “foo” |“bar” /dir\_name

Section 4

Have you used AWS CLI for accessing services such as IAM / EC2 / VPC / EBS / S3 / RDS ? NO

Can you look at the AWS CLI documentation and write the command for printing all tags of an S3 bucket?

aws s3api get-bucket-tagging –bucket \*

**Can you look at the AWS CLI documentation and write the command for printing all volumes of type “gp3” that are attached to a given EC2 instance? This can be a single command or a linux command pipeline.**

aws ec2 describe-volumes –filter "Volumes[“gp2”]

**Give the terraform configuration for creating a single EC2 instance on AWS.**

Innoventes.tf file Attached in the mail