ASSIGNMENT

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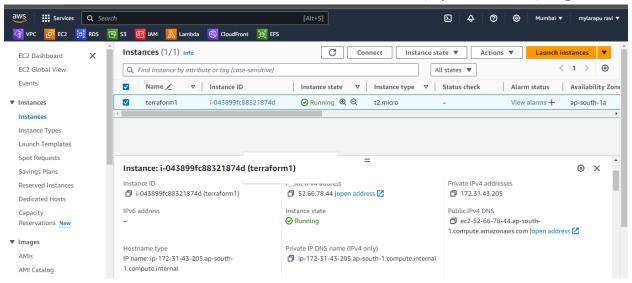
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Batch: 119

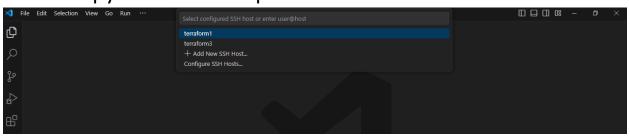
Ph.no: 6302540471

Assignment: create s3 bucket and upload a file using terraform

1.first create one new instance in Mumbai (ap-south-1)region

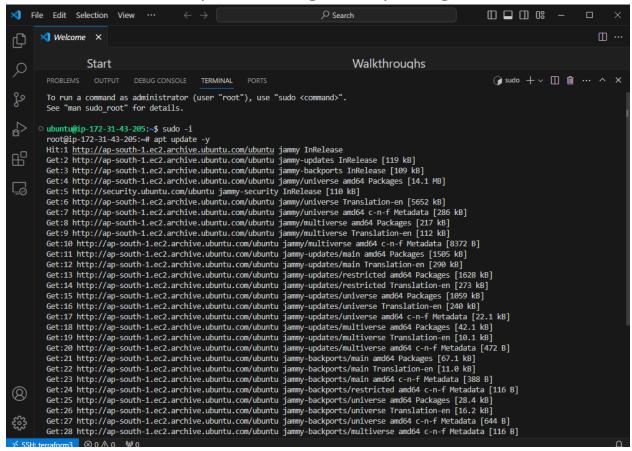


2.next copy the ssh client path connect to visual studio code



3.next go root user and next use the command apt update -y (why to apt command we are select the ubuntu tool) this

command used to update background packages



4.next install aws cli use the command apt install awscli -y

```
Protrigip-172-31-43-265--# apt install anscli -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Reading state information... Done
The following additional packages will be installed:
bzip2 docutils-common fontcorning fontcorning-corning fonts-dependency for interpretation fontcorning fontcorning fonts-dependency for interpretation fontcorning fontcorning fonts-dependency for interpretation fontcorning fontcorning fonts-dependency for interpretation fonts-dependency for interpretation for interpretation fonts-dependency for interpretation fonts for interpretation for interpretat
```

5.next go to web and search terraform install in ubuntu

root@ip=172-31-43-205-w# apt install awscli -y
Reading package lists... Done
Reading state information... Done
The following additional packages will be installed:
bzipz docutils-common fontconfig fontconfig-config fonts-droid-fallback fonts-noto-mono fonts-urw-base35 ghostscript groff gsfonts hicolor-icon-theme imagemagick
imagemagick-6-common imagemagick-6-common imagemagick ilibidyalibrer libidyalibrer libifftu3-double3 liboratorigi liboraphic liboraphic-common libidyalibrer-text libidyalibrerext libifftu3-double3 libidortorigi liboraphic libidyalibrer-text libidyiulibrer2 libifftu3-double3 libidortorigi liboraphic libidyalibrer-text libidyiulibrer2 libifftu3-double3 libidortorigi liboraphic libidyalibrer-text libidyalibrer-text libidyalibrer-text libidyiulibrer2 libifftu3-double3 libidyalibrer-text libidyalibrer-te debhelper
The following NEW packages will be installed:
awscli bzipz docutils-common fontconfig fontconfig-config fonts-droid-fallback fonts-noto-mono fonts-urw-base35 ghostscript groff gsfonts hicolor-icon-theme imagemagick inagemagick-6-common imagemagick-6-common imagemagick-6-common imagemagick-6-common imagemagick-6-common ilibrative-ilibdaydis libde265-0 libdeflate0
libdyvulibre-text libdyjvulibre-1 libfftu3-dowble3 libfontconfig1 libgomp1 libgomp1 libgraph-common librarfbuzz06 libheif1 libice6 libidn12 libijs-0.35 libilmbase25
libimagequant0 libjbig0 libjbig2dec0 libjpeg-turb08 libjpeg8 libjxr-tools libjxr0 liblcm82-2 liblqr-1-0 libltd17 libmagickcore-6.q16-6 libmagickcore-6.q46-6-extra
libmagickwand-6.q16-6 libnetphm10 libopenevr25 libopenjp2-7 libpag0-1.0-0 libpag0cairo-1.0-0 libpag0ft2-1.0-0 libpagp-utils libpaper1 libpimam-1-0 libraqm0 libsm6
libthai-data libthai0 libtiff5 libwebp1 libwebpdemux2 libwebpmux3 libwmflite-0.2-7 libx265-199 libxaw7 libxcb-render0 libxcb-shm0 libxmm6 libxpm4 libxmeder1 libxtof-common conder-data neutils python3-bloccore python3-docutils python3-jmespath python3-olefile python3-pigenets python3-roman Lime-support netpbm poppler-data psutils python3-botocore python3-dateutil python3-docutils python3-jmespath python3-olefile python3-pil python3-pygments python3-rom ython3-rsa python3-stransfer sgml-base x11-common xml-core

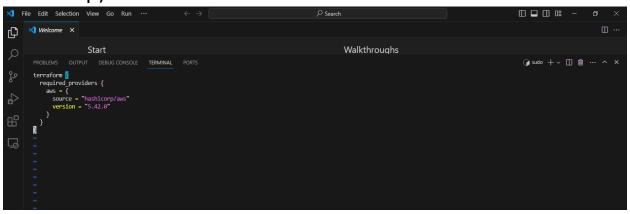
6.next aws configure (pass access key, secret key, region, format)

Running kernel seems to be up-to-date. No services need to be restarted. No containers need to be restarted. No user sessions are running outdated binaries. No VM guests are running outdated hypervisor (qemu) binaries on this host. root@ip-172-31-43-205:~# aws configure AWS Access Key ID [None]: AKIA60DU6MFA7YNIIJHS AWS Secret Access Key [None]: helxJtw72A5J/zMmnogB4iB1LwyC/yFGgP2y6Z3v Default region name [None]: ap-region-1 Default output format [None]: table root@ip-172-31-43-205:~# : terraform3 ⊗ 0 🛆 0 🦃 0

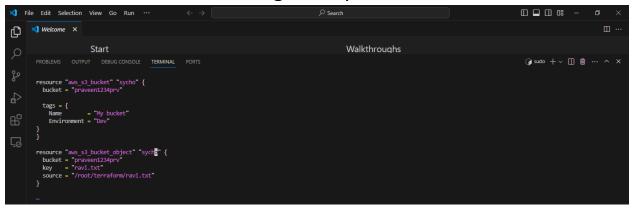
7.mkdir terraform cd terraform

```
Get:1 https://apt.releases.hashicorp.com jammy/main amd64 terraform
Fetched 26.9 MB in 0s (84.5 MB/s)
Selecting previously unselected package terraform.
(Reading database ... 76791 files and directories currently installe
Preparing to unpack .../terraform_1.7.5-1_amd64.deb ...
Unpacking terraform (1.7.5-1) ...
Setting up terraform (1.7.5-1) ...
Scanning processes...
Scanning linux images...
Running kernel seems to be up-to-date.
No services need to be restarted.
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (gemu) binaries on this
root@ip-172-31-43-205:~# aws configure
AWS Access Key ID [None]: AKIA60DU6MFA7YNIIJHS
AWS Secret Access Key [None]: helxJtw72A5J/zMmnogB4iB1LwyC/yFGgP2y6Z
Default region name [None]: ap-region-1
Default output format [None]: table
root@ip-172-31-43-205:~# mkdir terraform
root@ip-172-31-43-205:~# cd terraform
root@ip-172-31-43-205:~/terraform#
```

8.create a provierblock.tf (we get code from terraform hashicorp)

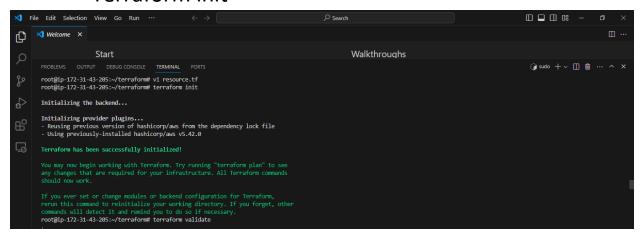


9.now create a resource_block.tf go to web search the terraform s3 bucket creating and upload file



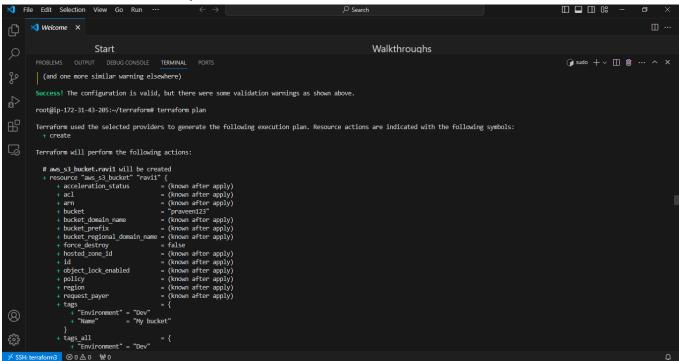
10.next terraform fmt

Terraform init



Terraform validate

Terraform plan



Terraform apply

```
Tile Edit Selection View Go Run
         × Welcome ×
ď
                                   Start
                                                                                                                                                      Walkthroughs
                                                                                                                                                                                                                                      root@ip-172-31-43-205:~/terraform# vi resource.tf
root@ip-172-31-43-205:~/terraform# terraform apply
           Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols: + create
           Terraform will perform the following actions:
             # aws_53 bucket.sycho will be created
+ resource "aws_53 bucket" "sycho" {
+ acceleration_status = (t)
+ acl = (t)
+ arn = (t)
+ bucket = (t)
+ bucket, domain_name = (t)
+ bucket_neefiv = (t)
                                                             + bucket_uomain_name =
+ bucket_prefix
+ bucket_regional_domain_name =
+ force_destroy =
+ hosted_zone_id =
                       object_lock_enabled
                      policy
region
request_payer
                             "Environment" = "Dev"
"Name" = "My bucket"
                            "Environment" = "Dev"
"Name" = "My bucket"
                                                             = (known after apply)
                    3 ⊗0∆0 ₩0
```

Terraform destroy

