Semester: V
Academic Year: 2024-25
Class / Branch: TE IT
Subject: Advanced Devops Lab (ADL)
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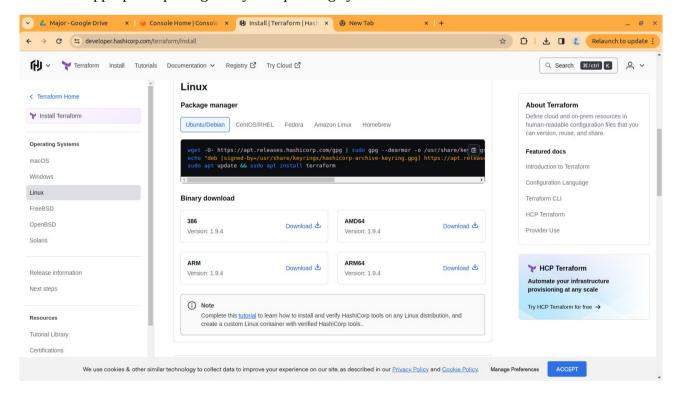**Student ID: 22104186**

EXPERIMENT NO. 05

Aim: To understand terraform lifecycle, core concepts/terminologies and install it on a Linux Machine.

Terraform Installation Steps on Ubunu18.04

Step: 1 Terraform uses HashiCorp Configuration Language (HCL) to manage environments of Operators and Infrastructure teams. To download go to site
https://www.terraform.io/downloads.html

Select the appropriate package for your operating system and architecture.

Step:2 unzip the archive by using below command

```
$ unzip terraform_1.0.3_linux_amd64.zip
```

The archive will extract a
single binary called **terraform**.

Step 3: Change the directory to unzipped folder

```
$ cd terraform_1.0.3_linux_amd64/
```

and Move the terraform binary to a directory included in your system's PATH in my case *usr/*local/
bin/

```
$ sudo mv terraform /usr/local/bin/
```

Step 4: To check whether Terraform is installed, run:

```
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$ terraform -v
Terraform v1.9.3
on linux_amd64
apsit@apsit-HP-280-Pro-G6-Microtower-PC:~$
```

Conclusion: Terraform was successfully installed on Ubuntu 18.04 by downloading, unzipping,
and moving the binary to the PATH.