

A. P. SHAH INSTITUTE OF TECHNOLOG

Department of Information Technology

(NBA Accredited)

Semester: V

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Class / Branch: TE IT

Subject: Advanced Devops Lab (ADL) Name of Instructor: Prof. Manjusha K. Name of Student: Harsh Prajapati

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EXPERIMENT NO. 05

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

Terraform Installation Steps on Ubunu18.04

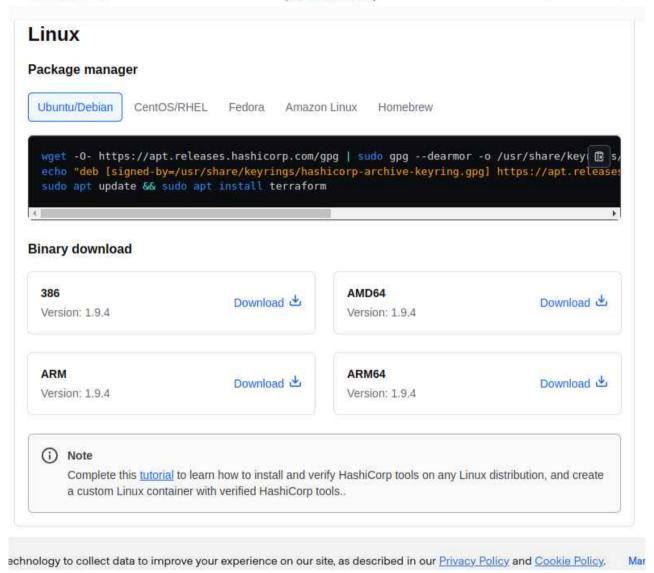
Step: 1 Terraform uses HashiCorp Configuration Language (HCL) to manage environments of Operators and Infrastructure teams. To download go to site https://www.terraform.io/downloads.html

Select the appropriate package for your operating system and architecture.



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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: In this experiment, we have installed terraform successfully from its website