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Class / Branch: TE IT-B

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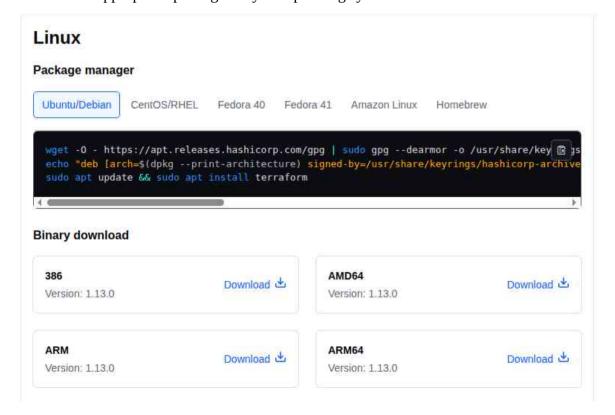
EXPERIMENT NO. 05

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

```
apsit@worker01:~/Downloads$ unzip terraform_1.13.0_linux_amd64.zip
```

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

Step 3: Change the directory to unzipped folder

```
apsit@worker01:~/Downloads$ cd terraform_1.13.0_linux_amd64/
```

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

apsit@worker01:~/Downloads\$ sudo mv terraform /usr/local/bin

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

```
apsit@worker01: ~/Downloads

apsit@worker01: ~/S sudo do-release-upgrade
[sudo] password for apsit:
Checking for a new Ubuntu release
Please install all available updates for your release before upgrading.
apsit@worker01: ~/S cd Downloads
apsit@worker01: ~/Downloads$ unzip terraform_1.13.0_linux_amd64.zip
Archive: terraform_1.13.0_linux_amd64.zip
replace LICENSE.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: y
inflating: LICENSE.txt
inflating: terraform
apsit@worker01: ~/Downloads$ terraform -v
Terraform v1.13.0
on linux_amd64
```

Conclusion: we have studied to understand terraform lifecycle, core concepts/terminologies and install it on a Linux Machine.