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**Experiment No. 6**

* Creating a docker image using terraform



* Create a folder named ‘Terraform Scripts’ in which we save our different types of scripts which will be further used in this experiment.



* Create a new folder named ‘Docker’ in the ‘TerraformScripts’ folder. Then create a new docker.tf file using a text editor and write the following contents into it to create a Ubuntu Linux container.



* Execute Terraform Init command to initialize the resources



* Execute Terraform plan to see the available resources



* Execute Terraform apply to apply the configuration, which will automatically create and run the Ubuntu Linux container based on our configuration. Using command : “terraform apply”

* Check Docker images, Before and After Executing Apply step





* Execute Terraform destroy to delete the configuration, which will automatically delete the Ubuntu Container.

* Check Docker images, After Executing Destroy step

