**Terraform Commands :**

The following commands should be executed from the terminal in the respective order within the directory where Terraform Configuration files are saved.



Initializing a new or an existing Terraform configuration



Generate and show an execution plan from the resources we’re trying to provision.

After executing this command you will get a prompt

Note : You didn't use the -out option to save this plan, so terraform can't guarantee to take exactly these actions if you run "terraform apply" now.



So after applying "terraform plan" command user has to execute the above command, Where state of the plan is stored in terraform file called config.terraform.



The "terraform apply" command execute the actions proposed in a Terraform plan.

In the attached screenshot below we can see that "ec2" instance is already existed, a new instance is initialized after perfoming the set of commands.



**Conclusion :**

Terraform is an open source tool that helps teams manage infrastructure in an efficient, automated and reusable manner. It has a simple modular syntax and supports multi-cloud infrastructure configuration.In simple words we can say that Terraform configuration files acts as an interface and you can create resources as per the requirements directly through terminal, which gives you an extra layer of governance and control.Enterprises can use Terraform in their DevOps methodology to construct, modify, manage and deliver infrastructure at a faster pace with less manual intervention.