What are we going to see in this session?

Let’s do some admin activity with AWS

- Create security group
- Create IAM user and add it into a group
- Create VPC
- Create EBS volumes & Attach

Create security group

Heads-up :

- In previous section we attached the existing available security group to instance. In this session let's try to create new security group.
- Slight modification henceforth : There will be no [provider.tf] file anymore as we were having it so far for your understanding now provider content will be merged in [main.tf] file.
- To create security group : we are going to use resource type called aws_security_group

Code : git-repo [file path : Terraform/Codes/E12_create_sg]

Create IAM user

- To create I am user : we are going to use resource type
  - ✓ aws_iam_user
  - ✓ aws_iam_group
  - ✓ aws_iam_user_group_membership
- To achieve this we are going to use multiple resource in single file.

Code : git-repo [file path : Terraform/Codes/E13_create_user_group]

Create EBS volume & Attach

- In this example we are going to create new EBS volume and attach it to new instance.
- To create & attach EBS volume : we are going to use resource type
  - ✓ aws_ebs_volume
  - ✓ aws_volume_attachment

- Note : To create an EBS volume we need to provide availability zone.

Code : git-repo [file path : Terraform/Codes/E14_ebs_volume]

Create VPC

- To create vpc : we are going to use resource type
- Also, we are going to define variables in type = map.
  - ✓ aws_vpc

Code : git-repo [file path : Terraform/Codes/E15_vpc_create]

End of this topic !

Any questions?

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