***AWS Topics***

1. **VPC – Virtual Private Cloud**
2. **EC2 – Elastic Compute Cloud**

*A web service that provides SECURE AND RESIZABLE compute capacity in the cloud.*

1. **WinSCP – Windows Secure Copy**

*It is used to transfer files from Windows to Linux.*

1. **Snapshot**

*Backup of the VOLUME*

1. **AMI**

*Backup of the INSTANCES.*

1. **EFS – Elastic File System**

*It is used to access multiple systems at a time.*

1. **Load Balancer**

*Distribute the traffic to the multiple instances.*

1. **Target Group**

*Group of instances*

*TG is the initial step for LB*

**LOAD BALANCER ----------Target Group-----------INSTANCES**

1. **Application Load Balancer (ALB)**
2. **Network Load Balancer (NLB)**
3. **Autoscaling**
4. **Peering Connection**

*Used to connect VPC to VPC*

*(Both the VPC’s can be in the*

*Same region*

*Different region*

*Same account*

*Different account*

1. **IAM – Identify Access Management**
2. **Terraform**
3. **ROLE**

*Role is used to connect one system to another within S3.*

*Ex. Ec2---------role-----------S3*

1. **S3 – Simple Storage Service**
2. **Cloud front**

*It provides the data with high efficiency*

1. **Tag Editor**

*To search resources all over the regions, tag editor is used.*

1. **Resource Group**
2. **RDS – Relational Database Service**

*It is mainly used for storing data.*

1. **System Manager**
2. **Cloud Trial**
3. **Certificate Manager**
4. **KMS – Key Management Service**
5. **Snow family**
6. **Dynamo DB**



