CLOUD

Types of cloud:

1.Public cloud,

2.Private Cloud,

3.Hybrid Cloud

All the data moves in basis of encryption and decryption.

2 types of server performance:

Load balancer- removes the traffic from the server.

Wolf optimization- it checks performances and Analyse the server.

The default value of the server is 0’s and 1’s.

Public cloud is an internet accessible that anyone can use. Saving our data in google drive/drop box.

It is managed by third party and offer services to anyone, and these services are on-demand.

Private Cloud provides services to private internal network (within organization).

It is credential based cloud. For eg: if the mail access drive is full we use VM (virtual machine) for profit maximization. It is one of the method.

Latest 16th generation of computers use Quantum Supreme X (AI,ML) i.e, AI based current processor(ML).

Virtual Machine used in the private sector of the cloud. If the storage is full you have to pay then only you can use the VM.

Eg: If you have 1000GB drive and it is fully used , you get VM of 1500GB so that the 1000GB storage jumps to VM , and the 1000GB drive will be erased.

If you get VM of only 500GB the data from 1000GB jumps to VM and fill only 1st 500gb and the rest of the data will be erased without permission.

Hybrid cloud:- It is the combination of Public Cloud and Private Cloud. It can be used in both ways. Eg:- government Portal within second they can disconnect the third party(public cloud).

Encryption: it is an AES Algorithm (Advanced encryption standard) 🡪 256 byte data store, capacity🡪 128gb-256gb. The most secure and advanced algorithm.

DES Algorithm(Data encryption Standard)🡪 128byte data store, capacity🡪 64gb-128gb.