DEPLOYING MODELS OF CLOUD COMPUTING

PRIVATE CLOUD:

A private cloud is a cloud computing model where the infrastructure is dedicated to a single organization, providing more control and security compared to public clouds.

Examples of Private Cloud:

1. VMware v Cloud Suite.
2. OpenStack.
3. Microsoft Azure Stack.
4. IBM Cloud Private.

Companies using Private Cloud:

Netflix, Paypal, Snapchat.

HYBRID CLOUD:

A hybrid cloud combines private cloud infrastructure with public cloud services, allowing data and applications to be shared between them.

Examples of Hybrid Cloud:

1. Microsoft Azure Hybrid Cloud.
2. Amazon Web Services (AWS) Hybrid Cloud.
3. Google Cloud Hybrid.
4. IBM Hybrid Cloud.
5. VMware Cloud on AWS.

Companies using Hybrid Cloud:

General Electric(GE), BMW Group, Adobe

PUBLIC CLOUD:

Public cloud is a type of cloud computing in which services are delivered over the internet and shared across multiple organizations.

Examples of Public Cloud:

1. Amazon Web Services (AWS).
2. Microsoft Azure.
3. Google Cloud Platform (GCP).
4. IBM Cloud.
5. Oracle Cloud.

Companies using Public Cloud:

Netflix, Spotify, LinkedIn.

COMMUNITY CLOUD:

A community cloud in cloud computing is a collaborative infrastructure shared by multiple organizations with similar needs and goals.

Examples of Community Cloud:

1. Government Community Cloud.
2. Education Community Cloud.
3. Healthcare Community Cloud.
4. Financial Services Community Cloud.

Companies Using Hybrid Cloud:

U.S. Federal Agencies, Mayo Clinic, European Organization for Nuclear Research (CERN)