

Advantages and Disadvantages of Cloud Networking

Advantages of Cloud Networking :

1. **On-Demand Self Service** – Cloud computing provides required application, services, and utility to client. With login key, they can begin to use besides any human interplay and cloud service providers. It consists of storage and digital machines.
2. **High Scalability** – It requests grant of resources on large scale besides any human intervention with every service provider.
3. **Agility** – It shares the assets efficiently amongst customers and works quickly.
4. **Multi-sharing** – By distributed computing, distinctive clients from couple of areas share identical resources through fundamental infrastructure.
5. **Low Cost** – It is very economical and can pay in accordance with its usage.
6. **Services in pay per use Model** – Application Programming Interface is given to clients to use resources and offerings and pay on service basis.
7. **High availability and Reliability** – The servers are accessible at the proper time besides any delay or disappointment.
8. **Maintenance** – It is user-friendly as they are convenient to get entry to from their location and does not require any installation set up.

Disadvantages of Cloud Networking :

1. **Dependency on internet connectivity** – Cloud networking requires a strong and reliable internet connection. If the connection is slow or unreliable, it can cause performance issues and disrupt network access.
2. **Security concerns** – Cloud networks are susceptible to cyber-attacks, and security breaches can compromise the sensitive data stored on the cloud. This risk is mitigated through proper security measures, but there is always some level of vulnerability.
3. **Limited control** – When you use a cloud network, you are dependent on the cloud provider to manage and maintain the network infrastructure. This can limit your control over the network and how it is managed.
4. **Cost** – Cloud networking can be expensive, particularly for large-scale enterprise networks. The costs can add up quickly, especially when you factor in the ongoing maintenance and support costs.
5. **Lack of customization** – Cloud networking solutions are typically pre-configured and may not offer the level of customization that some organizations require. This can limit your ability to tailor the network to your specific needs.