

# PROVISIONING OF VIRTUAL RESOURCES

Cloud computing allows individuals and organizations to access virtual hardware, software, and services over the internet. Users pay for what they need and use, without investing in physical infrastructure.

## 1. On-Demand Usage

Users can utilize cloud resources as long as they require them, scaling up or down based on their needs, and paying only for the duration of use.

## 2. Utility Model of IT Services

The entire IT infrastructure is seen as a set of utilities, like electricity or water, that can be easily provisioned and managed. This model allows for rapid deployment of systems without the hassle and cost of maintenance.

## 3. Open Market for IT Services

The long-term vision is for IT services to be traded like utilities in an open market, with no technological or legal barriers, making it easy for anyone to access and use these services.

#### **4. Global Digital Market for Cloud Services**

In the future, users will be able to find cloud solutions that match their needs by entering their requirements into a global digital marketplace. This market will facilitate the automatic discovery and integration of cloud services into existing systems.

#### **5. Revenue Growth for Service Providers**

A global platform for trading cloud services will help providers increase their revenue by reaching a wider audience and offering competitive services.

#### **6. Interoperability Among Providers**

Cloud providers can also act as consumers of their competitors' services to meet customer demands, ensuring they can fulfill their promises even if it means using external resources.

#### **7. Automated Acquisition and Integration**

The presence of a global market will enable the automation of the process of acquiring and integrating cloud services, making it seamless for users to adopt and utilize these services within their existing applications.

