



# **SNS COLLEGE OF ENGINEERING**

Kurumbapalayam (Po), Coimbatore – 641 107

**An Autonomous Institution**

Accredited by NBA – AICTE and Accredited by NAAC – UGC with ‘A’ Grade  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(IoT and  
Cybersecurity Including BCT)**

**COURSE NAME : cloud service management**

**IV YEAR / VII SEMESTER**

**Unit II-**

**Topic : Subscription based Charging**



- Subscription-based charging in cloud computing refers to a pricing model where users pay for cloud services on a recurring basis, typically monthly or annually, similar to a subscription.
- This model provides access to various cloud resources, services, or software for a predetermined period in exchange for a set fee.
- Subscription-based charging is popular in cloud computing, particularly for businesses with predictable or steady resource needs.
- It offers cost predictability, access to a range of services, and the flexibility to adjust resources within the subscription framework.
- Evaluating usage patterns and aligning them with subscription plans helps in optimizing costs and maximizing the benefits of cloud services.



## Key Attributes of Subscription-based Charging in Cloud Computing:

**Regular Payments:** Users pay a fixed amount at regular intervals (monthly, annually) for access to cloud services.

**Access to Services:** Subscribers gain access to a range of cloud services, such as computing power, storage, databases, software applications, etc., as defined by the subscription plan.

**Service Levels:** Subscription plans often offer different tiers or levels that provide varying degrees of access, scalability, features, and support.

**Cost Predictability:** Subscribers can anticipate costs more effectively due to fixed recurring payments, making it easier to budget for cloud services.

**Flexibility:** Many providers offer flexibility within subscription plans, allowing users to upgrade or downgrade their service tiers based on changing needs.

**Scalability:** Subscribers can often scale their resources up or down within the limitations of their subscription plan. This enables adjustment according to changing demands without significantly altering the subscription cost.

**Usage Monitoring:** Providers may offer tools for users to monitor their resource usage within the subscription, helping them optimize usage and potentially avoid overages.



### **Advantages:**

**Cost Predictability:** Fixed recurring payments make it easier to budget and plan expenses.

**Access to Diverse Services:** Subscribers can access various cloud services bundled in the subscription plan.

**Scalability and Flexibility:** Ability to adjust resources or features as needed within the subscription's limits.

**Potential Cost Savings:** Depending on the plan and provider, subscriptions can offer cost savings compared to pay-as-you-go models for consistent usage patterns.

### **Considerations:**

**Unused Resources:** Subscribers might pay for resources they don't fully utilize, especially if their needs fluctuate significantly.

**Lock-in and Flexibility:** Some subscription plans might restrict flexibility in using other services or migrating to different providers.