



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.