

What is Cloud Computing?

cloud com·put·ing

noun

the practice of using a network of remote servers hosted on the Internet to store, manage, and process data, rather than a local server or a personal computer.



On-Premise

- You own the servers
- You hire the IT people
- You pay or rent the real-estate
- You take all the risk

Cloud Providers

- Someone else owns the servers
- Someone else hires the IT people
- Someone else pays or rents the real-estate
- You are responsible for your configuring cloud

now starting to use cloud providers. And so cloud providers are like AWS, GCP, and Azure,



Six Advantages and Benefits of Cloud Computing

Why go with a Cloud Provider over On-Premise?



1 **Trade capital expense for variable expense**

No upfront-cost Instead of paying for data centers and servers
Pay On-Demand Pay only when you consume computing resources



2 **Benefit from massive economies of scale**

Usage from hundreds of thousands of customers aggregated in the cloud. You are **sharing the cost with other customers** to get unbeatable savings



3 **Stop guessing capacity**

Eliminate guesswork about infrastructure capacity needs. **Instead of paying for idle or underutilized servers**, you can scale up or down to meet the current need.



4 **Increase speed and agility**

Launch resources **within a few clicks in minutes** instead of waiting days or weeks of your IT to implement the solution on-premise



5 **Stop spending money on running and maintaining data centers**

Focus on your own customers, rather than on the heavy lifting of racking, stacking, and powering servers



6 **Go global in minutes**

have trade capital expense for variable expense. So with on prem, you'd have to pay for your data



Cloud Concepts

Types of Cloud Computing

SaaS

PaaS

IaaS

six points. Hey, this is Andrew Brown from exam Pro. And we are looking at the types of cloud



Types of Cloud Computing

