

Cloud Models and Services

At the end of this episode, I will be able to:

1. Identify cloud deployment and service models.

Exam Objective: 4.1 Summarize cloud-computing concepts.

Description: In this episode, we discuss cloud deployment models such as private, public, hybrid and community clouds. We will look at cloud services models such as Software as a Service (SaaS), Infrastructure as a Service (IaaS) and Platform as a Service (PaaS). Finally, we will discuss some of the key characteristics of the cloud.

- **Cloud models**
 - Private cloud
 - Public cloud
 - Hybrid cloud
 - Community cloud
- **Cloud Services**
 - Software as a service (SaaS)
 - Platform as a service (PaaS)
 - Infrastructure as a service (IaaS)
 - Desktop virtualization (cloud VDI) vs. on-

premise VDI solutions

- **Cloud characteristics**

- Shared resources
 - Metered utilization
 - Example: Cost Management in Azure
 - Rapid elasticity
 - High availability
 - File synchronization
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- Additional Reference Materials

- Not applicable if blank