







# Introduction to cloud computing

	What is cloud computing and its features?
	Discuss shared responsibility model
	Cloud deployment models
	IT Infrastructure cost models
	Consumption based model benefits
	Cloud pricing models



# What is cloud computing and its features?



## Features

On-Demand Self-Service

Broad Network Access

Resource Pooling

Scalability and Elasticity

Measured Service

High Availability and Reliability

# What is cloud computing and its features?



## Features

Security

Automation

Global Reach

Rapid Deployment

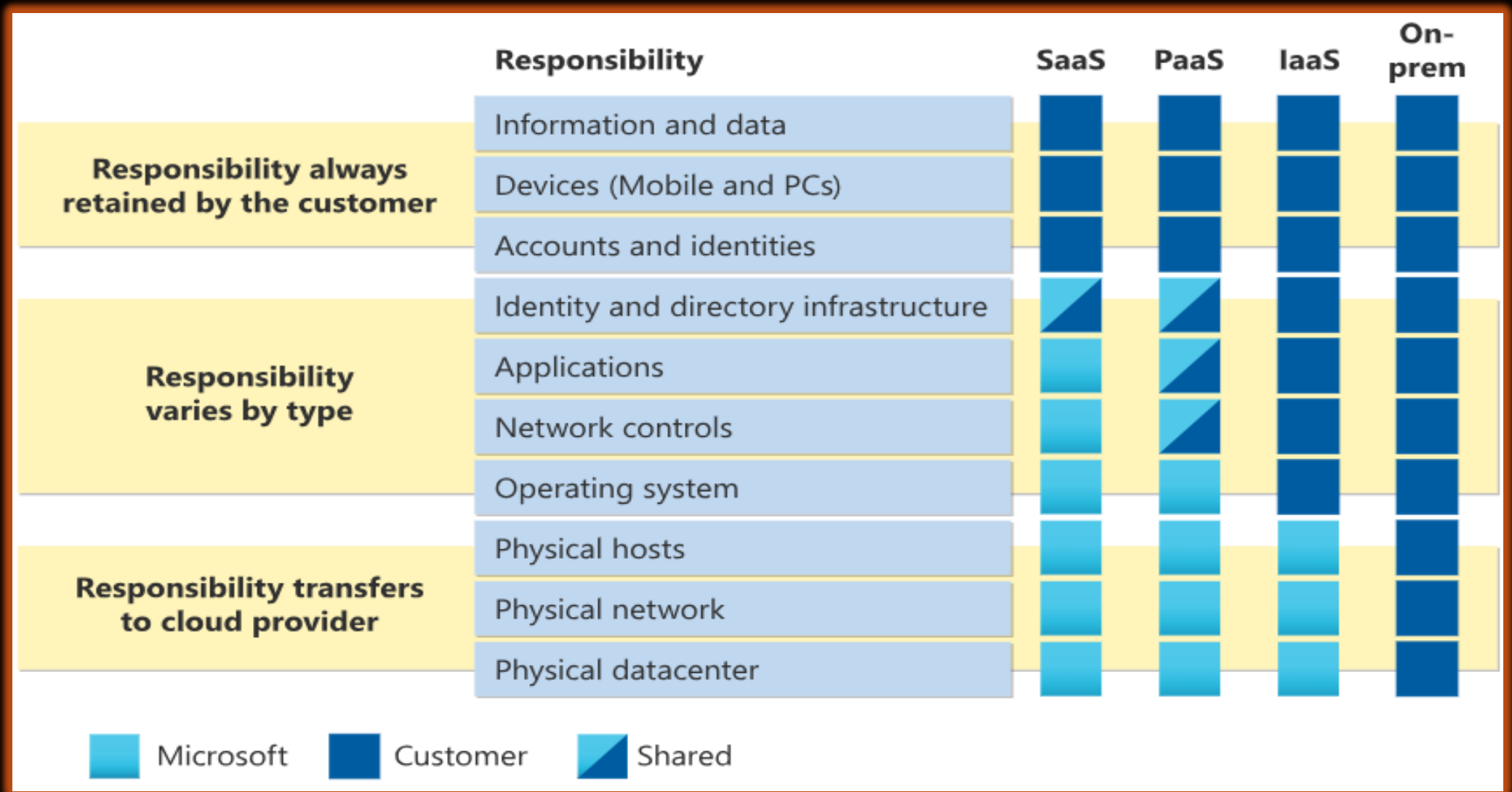
Data Backup and DR

Integration with Advanced  
Technologies





# Discuss Shared Responsibility Model



# Discuss Shared Responsibility Model



## Responsibilities of the Cloud Provider

Infrastructure Security

Platform Security

Network security

Operational security

Compliance

# Discuss Shared Responsibility Model



Responsibilities of the customer

Data Security

Application Security

Identity and Access Management

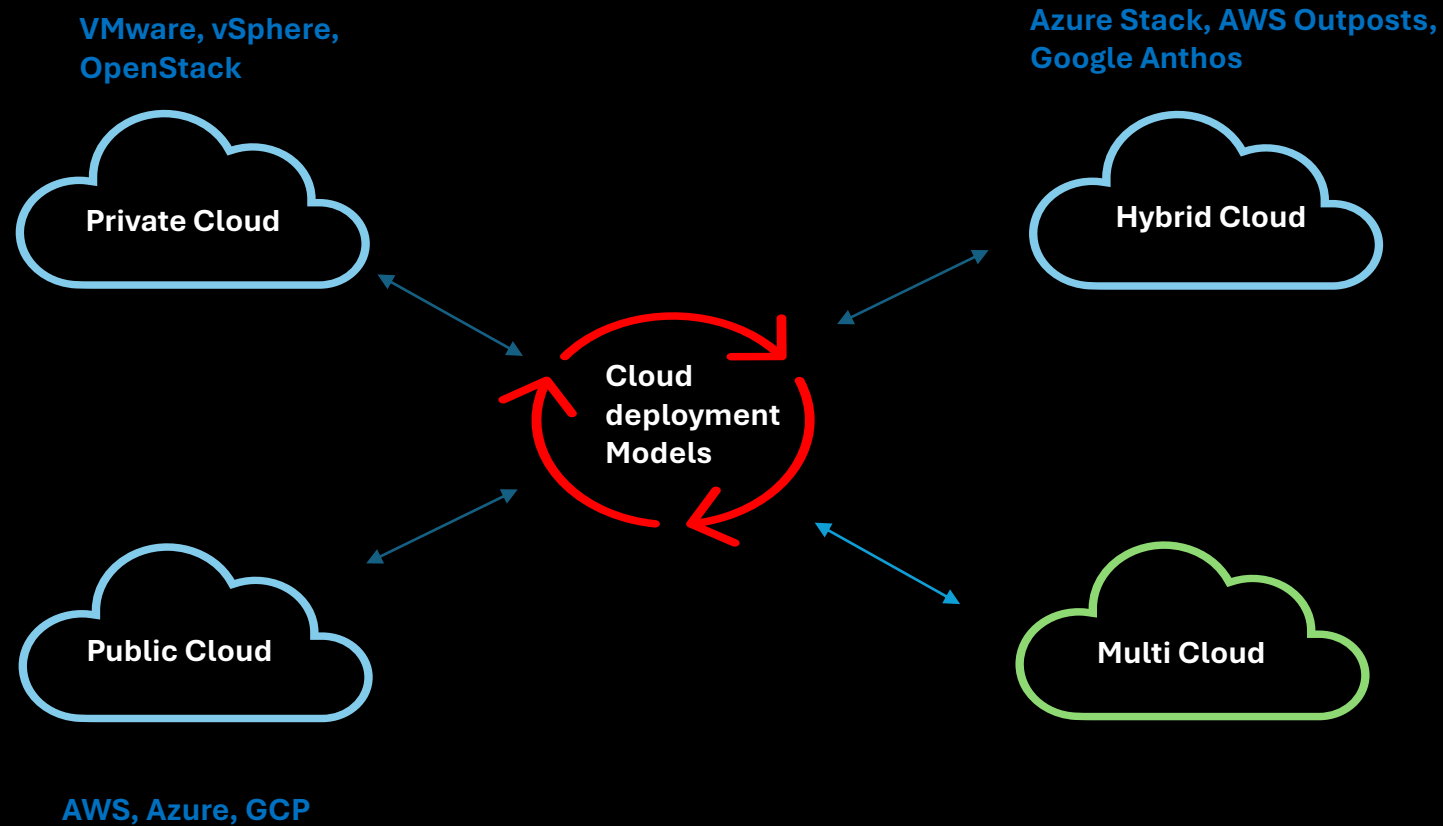
Configuration Management

Compliance





# Cloud deployment models



Public Cloud

What it is?

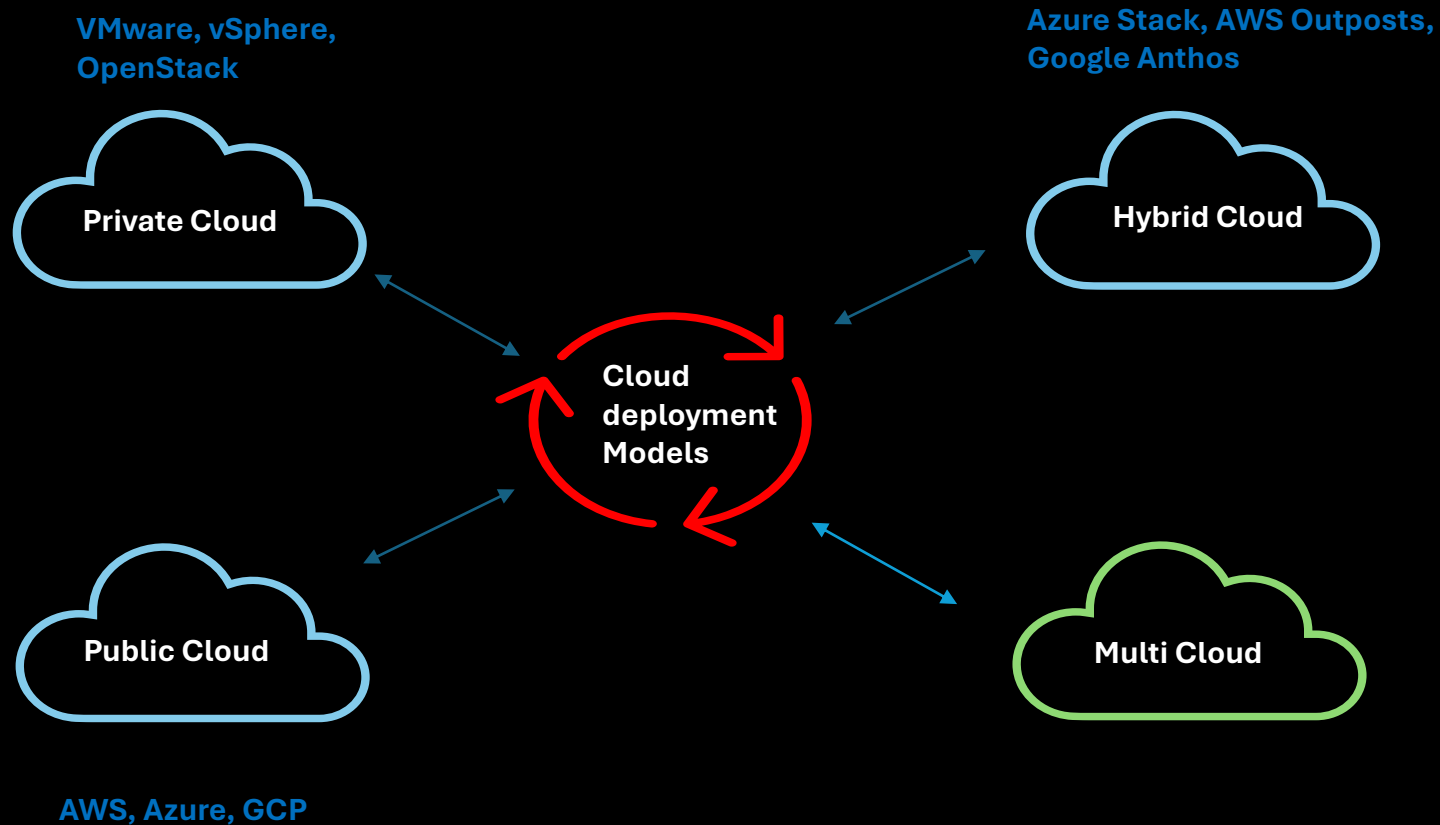
Key features

Pros

Cons

Use Case

# Cloud deployment models



Private Cloud

What it is?

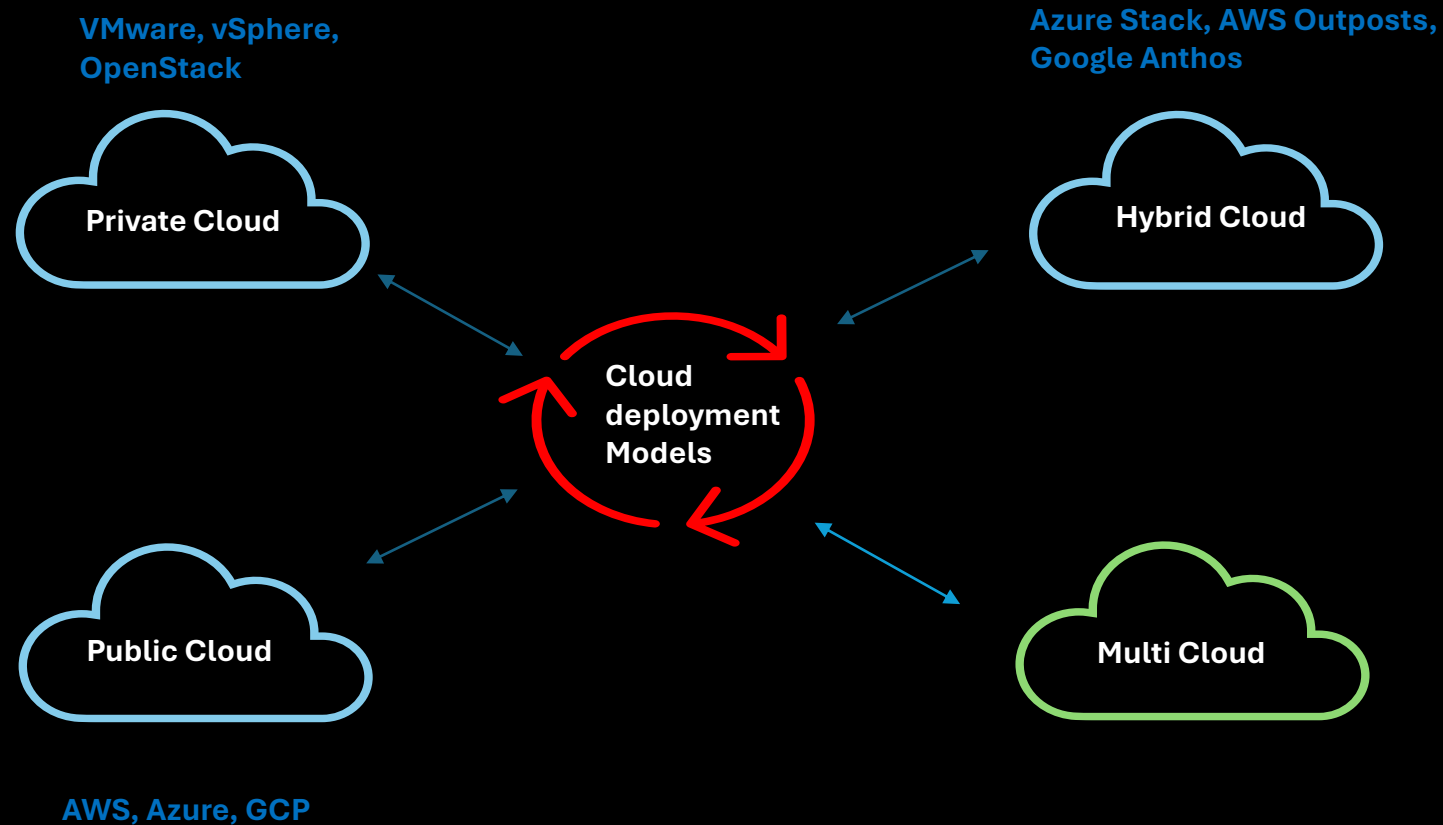
Key features

Pros

Cons

Use Case

# Cloud deployment models



Hybrid Cloud

What it is?

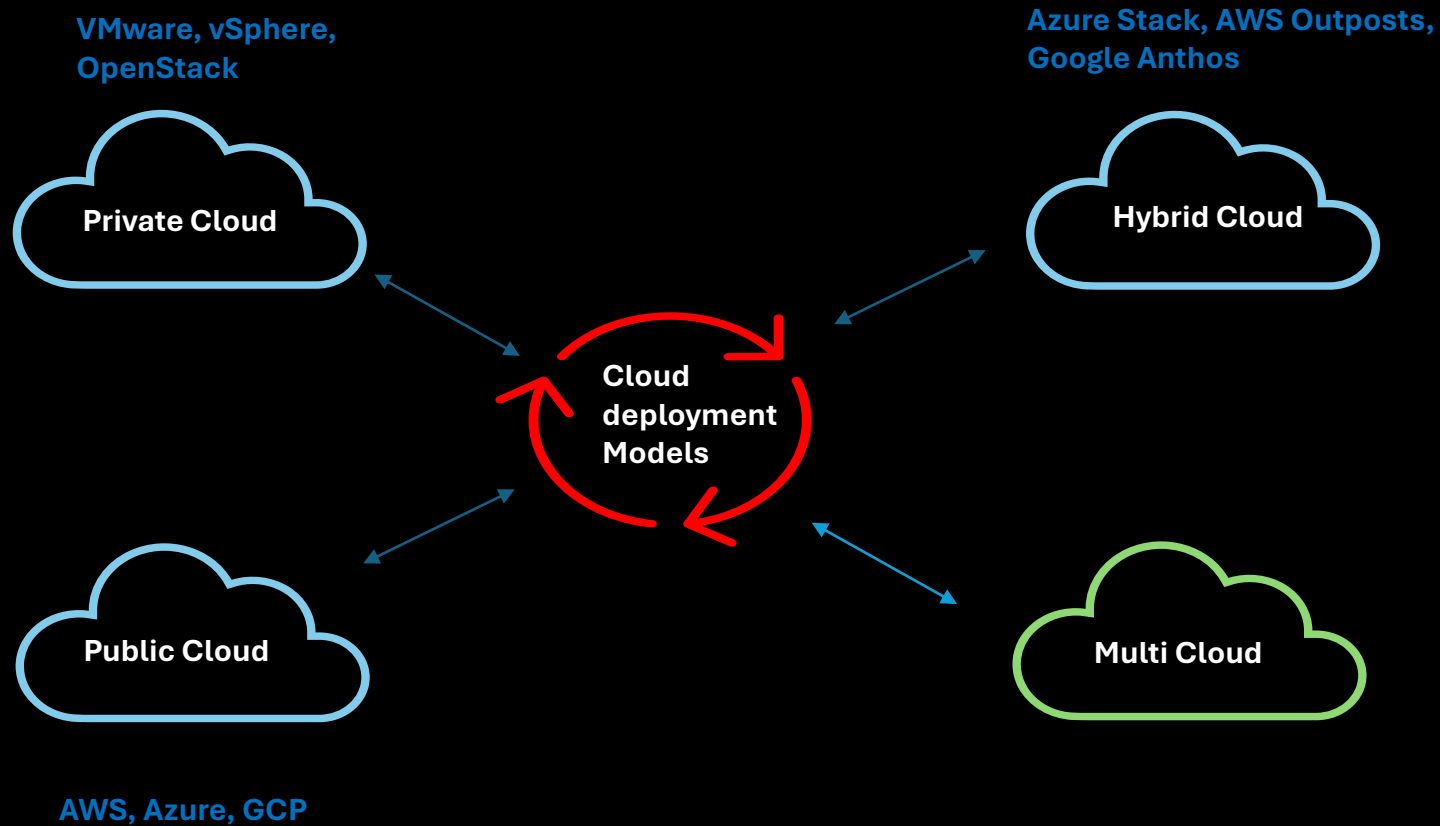
Key features

Pros

Cons

Use Case

# Cloud deployment models



Multi Cloud

What it is?

Key features

Pros

Cons

Use Case





# IT Infrastructure cost models



Cost Models

Capital Expenditures (CapEx)

Operational Expenditures (OpEx)

# IT Infrastructure cost models



## Capital Expenditures (CapEx)

What It Is?

Examples in IT

Key Characteristics

Pros

Cons

When to use CapEx?



# IT Infrastructure cost models



## Operational Expenditures (OpEx)

What It Is?

Examples in IT

Key Characteristics

Pros

Cons

When to use OpEx?

# IT Infrastructure cost models



Cost Models

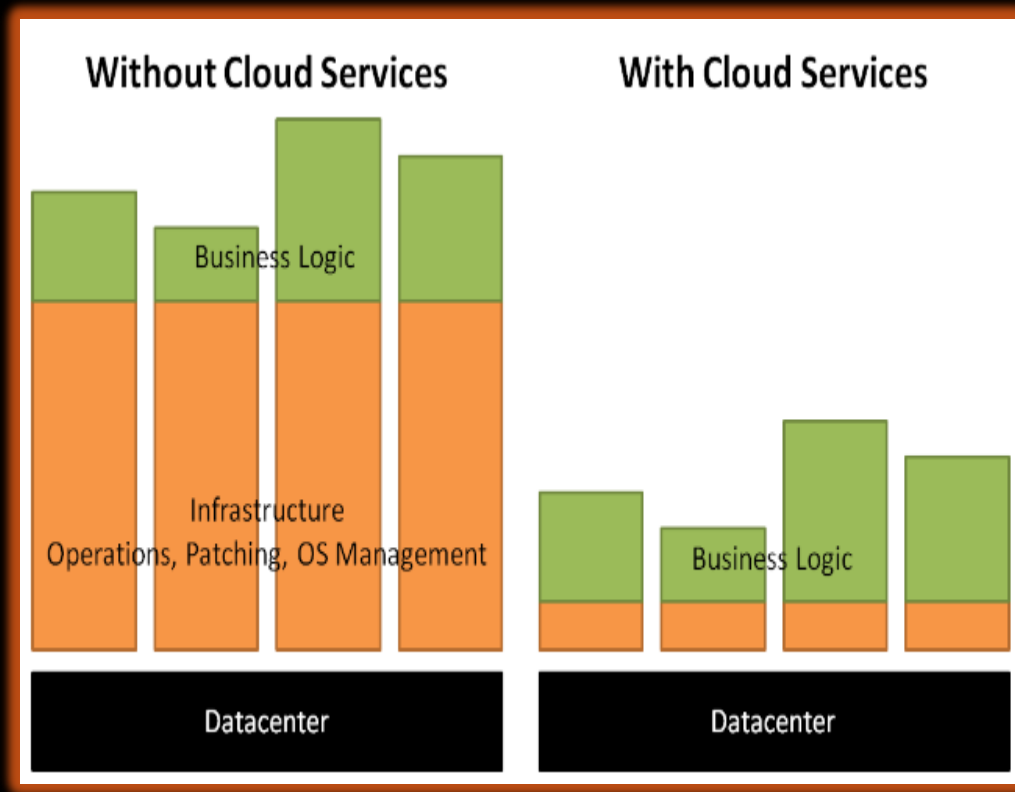
Capital Expenditures (CapEx)

Operational Expenditures (OpEx)

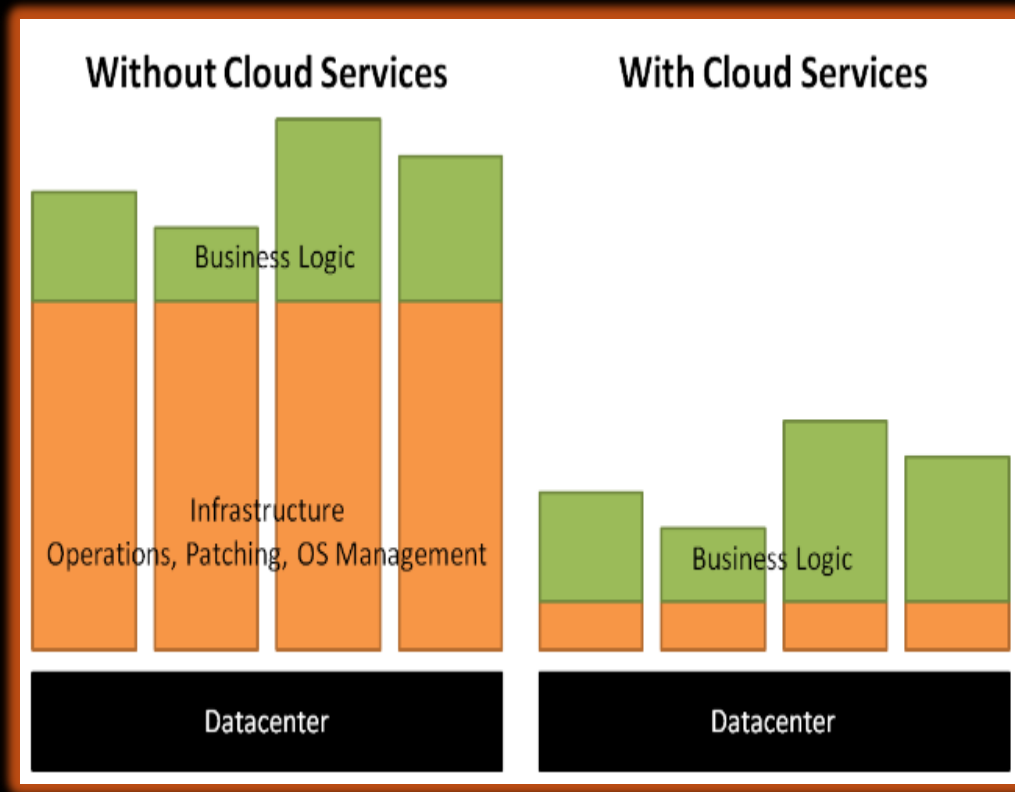




# Consumption based model benefits



# Consumption based model benefits





# Cloud Pricing Models



Pricing Models
Pay-As-You-Go (PAYG)
Reserved Instances (RIs)
Azure Hybrid Benefit
Azure Spot VMs
Azure Dev/Test Pricing
Enterprise Enrollments



