

Section I: Understand Cloud Concepts
Study Material for Exam AZ-900
Azure Fundamentals

[Understand cloud concepts \(15-20%\)](#)

Below you will find helpful links to Microsoft docs and blogs which will enhance your learning and understanding around the AZ-900 topics covered. The topics align with subjects found in each module of the [Skylines Academy AZ-900 course](#) as well as the [Microsoft Skills Measured Curriculum](#).

Describe the benefits and considerations of using cloud services

- [AZ-900: Cloud Concepts Overview](#)
- [What is cloud computing?](#)
- [What is elastic computing or cloud elasticity?](#)
- [AZ-900: High Availability](#)
- [Overview of the resiliency pillar](#)
- [Scalability checklist](#)
- [AZ-900: Cloud Concepts – Scalability and Elasticity](#)
- [Backup and disaster recover for Azure applications](#)
- [Create a financial model for cloud transformation](#)
- [Examples of fiscal outcomes](#)

Describe the differences between Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)

- [What is IaaS?](#)
- [Azure infrastructure as a service \(IaaS\)](#)
- [Introduction to Azure IaaS](#)
- [What is PaaS?](#)
- [What is SaaS?](#)
- [What are the different types of cloud computing services?](#)

Describe the differences between Public, Private and Hybrid cloud models

- [What are public, private, and hybrid clouds?](#)
- [What is a public cloud?](#)
- [What is a private cloud?](#)
- [Scenario: Deploy a private VMM cloud](#)
- [Scenario: Create a private cloud](#)
- [Private Cloud Simulator for Windows Server 2019](#)
- [What is a hybrid cloud?](#)
- [Hybrid cloud solutions](#)
- [Microsoft Azure: The only consistent, comprehensive hybrid cloud](#)
- [What are the different types of cloud computing services?](#)