

Azure Fundamentals (AZ - 900)

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Chapter 1

Describe Cloud Concepts

1.1 Describe Cloud Computing

1.1.1 Introduction to Cloud Computing

- Cloud Computing is a delivery of computing services over the internet

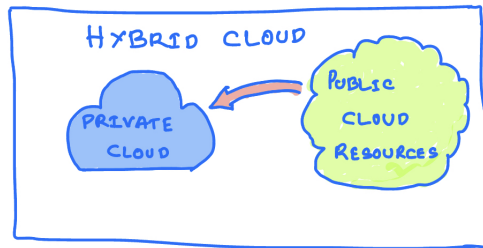
1.1.2 Shared Responsibility Model

- Cloud Provider Responsibility
 - ▶ Physical Security
 - ▶ Power
 - ▶ Cooling
 - ▶ Network Connectivity
- Consumer Responsibility
 - ▶ Data and Information stored in the cloud
 - ▶ Devices
 - ▶ Accounts and Identities
 - ▶ Access Security – Give access to those who need it

1.1.3 Cloud Models

- Private Cloud
 - ▶ Used by single entity
 - ▶ Provides more control
 - ▶ Greater cost and fewer benefits of public Cloud
 - ▶ It can be hosted from onsite or offsite data center
- Public Cloud
 - ▶ Built, controlled and maintained by third party cloud Provider
 - ▶ Purchase and access cloud resources
- Hybrid Cloud

- ▶ Uses both private and public clouds in an inter – connected environment
- ▶ Allow a private cloud to surge for increased, temporary demand by deploying public cloud resources



■ Multi Cloud

- ▶ Multiple cloud providers are used.

■ Azure Arc

- ▶ Azure arc is a set of technologies helps to manage cloud environment.

1.2 Describe Benefits of Cloud Computing

Chapter 2

Describe Azure Architecture and Services

2.1 XYZ

Chapter 3

Describe Azure Management and Governance

3.1 XYZ