**Azure Infrastructure Topics:**

1)Types of Cloud services

-IaaS

-PaaS

-SaaS

[https://azure.microsoft.com/en-us/resources/cloud-computing-dictionary/types-of-cloud-](https://azure.microsoft.com/en-us/resources/cloud-computing-dictionary/types-of-cloud-computing/)computing/

2)Types of Azure Compute services

-VM

-Container instance

-App Service

-Functions

-AKS

<https://learn.microsoft.com/en-us/training/modules/azure-compute-fundamentals/>

3)Benefits of Azure cloud services

4)Azure Security Center

-Key Vault

-Secret Key

-Certificate Management

<https://www.optisolbusiness.com/insight/6-advantages-of-microsoft-azure-cloud-services>

5)Azure Networking Services

-Vnet,

-VPN

-Firewall rule

-NSG

-NIC

-Subnet gateway,

-Load balancer

-Application Gateway

<https://azure.microsoft.com/en-in/products/category/networking/>

6)Azure Policy

https://learn.microsoft.com/en-us/azure/governance/policy/overview

7)Azure Active Directory:

https://azure.microsoft.com/en-us/products/active-directory

-SSO

-Multi-factor auth,

-Identity,

-Conditional Access

<https://azure.microsoft.com/en-us/products/active-directory>

<https://learn.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-whatis>

8)Service Principals

9)Azure Storage services

-Blob Storage

-File Storage

-Queue Storage

-Table Storage

-SQL database

10)Azure Availability Zones and regions

-LRS

-ZRS

-GRS

<https://learn.microsoft.com/en-us/azure/reliability/availability-zones-overview>

11)ARM template

<https://azure.microsoft.com/en-in/products/arm-templates>

12)Terraform (Hashicorp)

<https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs>

13)Azure App services

-Application Insights

-Log analytics service environment, App Service Plan

<https://learn.microsoft.com/en-us/azure/azure-monitor/app/app-insights-overview?tabs=net>

14)Vnet:

https://learn.microsoft.com/en-us/azure/virtual-network/virtual-networks-overview

-Global

-Vnet peering

15)Azure Roles:

-IAM

-RBAC

<https://learn.microsoft.com/en-us/azure/role-based-access-control/rbac-and-directory-admin-roles>

16)Access tiers

<https://learn.microsoft.com/en-us/azure/storage/blobs/access-tiers-overview>

17)Azure disks

<https://azure.microsoft.com/en-us/products/storage/disks>