

Azure Cloud Platform - Course Contents	Total Sessions 17
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1	Cloud Fundamentals	What is cloud? How Cloud Evolved? Cloud Advantages Cloud Major Features Service Models Deployment Models Cloud Service Market Players Q & A	1 Session
2	Azure Basics	Azure Portal - Overview Region Availability Zone Region Pair Geography Resources and Resoure Group Management Hierarchy - Demo - Management Groups - Subscriptions - Resource Group Virtual Machine - Overview Virtual Machine Creation - Demo Q&A	1 Session
3	Azure VM Features	Availability Set - Overview Availability Set - Demo VMSS - Overview VMSS - Demo Q&A	1 Session
4	StorageServices	Data Types - Overview Storage Account -Overview Storage Account - Demo Azure Disk - Overview Azure Disk - Demo Azure Files - Overview Azure Files - Demo Blob Storage - Overview Blob Storage - Demo Storage Queues - Overview Table Storage - Overview Table Storage - Demo Blob Storage Types Data Management - Overview	2 Sessions

Data Management - [Demo](#)

Storage Explorer - [Demo](#)

Q&A

5 **Azure Networking
Services**

Networking Basics

7 Sessions

IP Addressing

Subnet

CIDR - IP Range Calculation - [Demo](#)

Subnet Mask

Virtual Network Overview

Virtual Network - [Demo](#)

Subnet & Subnet mask - [Demo](#)

Connectivity Services

☒ Virtual Network (VNet) - Overview

- Virtual Network (VNet) - [Demo](#)

☒ Peering service - Overview

- Peering service - [Demo](#)

☒ Azure Bastion - Overview

- Azure Bastion - [Demo](#)

☒ ExpressRoute - Overview

☒ VPN Gateway - Overview

☒ Virtual WAN - Overview

☒ Virtual network NAT Gateway - Overview

- Azure DNS - Overview

- Azure DNS - [Demo](#)

Application Protection Services

☒ Load Balancer - Overview

- Load Balancer - [Demo](#)

☒ Private Link - Overview

- Private Link - [Demo](#)

☒ DDoS protection - Overview

☒ Azure Firewall - Overview

- Azure Firewall - [Demo](#)

☒ Network Security Groups - Overview

- Network Security Groups - [Demo](#)

☒ Web Application Firewall - Overview

- Virtual Network Service Endpoints - Overview

- Virtual Network Service Endpoints - [Demo](#)

Application Delivery Services

☒Content Delivery Network (CDN) - Overview

☒Azure Front Door Service - Overview

☒Traffic Manager - Overview

- Traffic Manager - [Demo](#)

-Application Gateway - Overview

-Application Gateway - [Demo](#)

Network Monitoring Services

☒Network Watcher - Overview

-Azure Monitor - Overview

6	Azure Resource Manager	ARM - Overview Infrastructure as code (IaC) Resource Deployment - Environment Setup- Demo Azure CLI - Demo Azure Resources Deployment using CLI - Demo Azure CLI Interactive Mode - Demo JASON Basics and Data Types JASON - Data Types Shell Script to run multiple AZ commands - Demo CloudShell Overview and Demo ☒Visual Studio Code Usage - Demo ☒Adding extensions -Run AZ commands in Visual Studio Terminal Basics of ARM Template Create ARM JSON Template using Visual Studio Code - Demo -Storage Account Creation ☒Usage of ARM template Constructs - Demo ☒How to use parameters, variables and outputs -Usage of Dependson Create ARM template using Azure Portal - Demo How to use for creating resources Create a Virtual Machine using ARM template - Demo Create multiple virtual machines using Loop commands using ARM Template - Demo Q&A	2 Sessions
7	Azure AD	Azure Generals - Naming Standards Azure Market Place and Billing IAM Concepts - Overview Cloud IAM Services	2 Sessions

Azure AD - Authentication and Authorization -
Workflow
Azure AD - Users and Groups
Azure AD - Service Accounts and Managed Identity

Role Based Access Control - RBAC
RBAC - **Demo**
Azure AD Connect
Azure AD Tenant overview and **Demo**
Custom Domain
Virtual Machine - Azure AD User - Login Process -
Demo

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**Azure Integration
Services**

Overview

1 Session

Azure Logic Apps Overview and **Demo**
Azure Event Grid Overview and **Demo**
Azure Service Bus - Overview
Azure API management - Overview