

NEXT IT CAREER

AZURE ADMIN



AZURE ADMIN COURSE CONTENT

Cloud computing introduction	<ul style="list-style-type: none">• Cloud computing overview• Cloud computing use cases• Cloud computing benefits• Types of services IAAS,PAAS,SAAS• Types of deployments• Cloud service providers• Virtualization Introduction
Introduction to Azure	<ul style="list-style-type: none">• Geographies• Regions• Availability Zones• Availability sets• Services• Resources• Resource groups• Subscriptions• Resource manager
Signing into azure	<ul style="list-style-type: none">• Working from Azure portal• Azure Power shell setup• Working from power shell• Working from Azure CLI• Azure cloud shell
Working with Resource Groups	<ul style="list-style-type: none">• Modules• Creating resource groups• Deleting resource groups• Azure control plane and data plane• Applying locks• Role based access control• Applying policies
Virtual networks	<ul style="list-style-type: none">• Network introduction• LAN,WAN• Hub, Switch, Routers, Gateway• IPV4 classes and CIDR• Public and private IP Addresses• Subnet mask• Azure Vnet introduction• Creating vnet and subnets• Deleting vnet and subnets• Working with public IPs• Working with Network Interfaces

	<ul style="list-style-type: none"> • Working with Network security groups • Azure Bastion Host
Vnet Peering and vnet to vnet connections	<ul style="list-style-type: none"> • Introduction to Vnet peering • Global vnet peering • Vnet to vnet connection using VPN • Working with custom Routes • Point to site VPN
Azure Virtual Machines	<ul style="list-style-type: none"> • Sizes for virtual machines • Azure Dedicated Hosts • Azure Spot Virtual Machines • Azure Reserved Instances • VM Availability options
Working With Azure Virtual Machines	<ul style="list-style-type: none"> • Working with Linux Virtual Machines • Working with Windows Virtual Machines • Working with Virtual machines Using Azure CLI • Availability Sets
Azure managed disks	<ul style="list-style-type: none"> • Managed disks overview • Benefits of managed disks • Disk roles • Disk Types • Redundancy options for managed disks • Attaching managed disk to Linux VM • Creating partitions • Creating File system • Mounting File system • Resizing Managed disk • Managed disk snapshots • Copying snapshots to Other Regions • Creating Managed disk from snapshots • Attaching managed disk to Windows VM • Formatting disks • Assign Drive Letter • Detaching Disks from Windows VM • Shared Disks • Working with managed disks using Azure CLI

Working with Azure Load Balancer	<ul style="list-style-type: none"> • Azure Load balancer Introduction • Public Load balancer • Internal Load Balancer • Load Balancer Components • Implementing And Managing Load Balancers
Working With Azure VM Scale sets	<ul style="list-style-type: none"> • Introduction to VMSS • Implementing VMSS • Managing VMSS
Azure App service	<ul style="list-style-type: none"> • Introduction to App services • Creating web app service • Managing app service • Working with Azure traffic manager
Azure Storage	<ul style="list-style-type: none"> • Overview of azure storage • Creating storage account • Working with blobs • Working with azure file storage
Azure Key vault	<ul style="list-style-type: none"> • Introduction to key vault • Create a key vault using the Azure portal • Encrypt a Windows virtual machine
Azure Active Directory	<ul style="list-style-type: none"> • Implementing Azure active directory • Creating and managing AD tenants • Configuring application access with azure AD
Backup and Recovery scenarios	
Azure service principal	
Working with ARM templates	
Set up disaster recovery	
Azure VM Troubleshooting	

LINUX BASICS (FREE)

INTRODUCTION	<ul style="list-style-type: none">○ Operating system overview○ Multi user & single user os○ Introduction to unix/linux○ Linux features○ Structure of OS○ Different shells
WORKING WITH UNIX / LINUX	<ul style="list-style-type: none">○ Logging into the system○ Introduction to commands○ Command types○ System date & time○ Changing shells○ Control characters○ Sending messages○ Working with aliases○ Command history
JOB CONTROLING IN BASH	<ul style="list-style-type: none">○ Basic Introduction
FILE SYSTEM & FILE STRUCTURE	<ul style="list-style-type: none">○ Understanding file system○ Understanding file structure○ File types○ Working with directories & files○ Wild card characters○ Finding files○ Viewing files page by page○ Check user quotas○
COMPRESSING & ARCHIVING	<ul style="list-style-type: none">○ Archiving using tar,zip○ Compressing files○ Uncompressing files
FILE PERMISSIONS	<ul style="list-style-type: none">○ Understanding permissions○ File attributes○ Understanding owner, group & other○ Changing group & owner○ Changing permissions○ Group logins○ Default permissions○ Working with acls
VI EDITOR	<ul style="list-style-type: none">○ Understanding modes in vi○ Changing modes○ Working in different modes○ Command line options
	<ul style="list-style-type: none">○ Executing job at a specified time○ Listing jobs in the queue○ Removing a job

JOB SCHEDULING & PROCESS CONTROL	<ul style="list-style-type: none"> ○ Periodical execution ○ To list process information ○ To terminate a process
REDIRECTION, PIPES & FILTERS	<ul style="list-style-type: none"> ○ Understanding redirection ○ Redirecting standard I/O & ERROR ○ Changing default standard I/O ○ Understanding pipes ○ Using pipes ○ Working with filters ○ head,tail,grep,wc,sort,cut,paste,comm,diff,cmp,tr,sed,more,less
WORKING IN THE N/W	<ul style="list-style-type: none"> ○ Using ftp ○ Using vncviewer ○ Using ssh,scp,sftp

INTERVIEW QUESTIONS AND ANSWERS

Duration : 45 days

Location : Hyderabad, KPHB

Project Orientation Program

100% JOB ASSISTANCE PROGRAM

Contact: 7013123485