**Microsoft Azure Architect Technologies (AZ-300)**

#### Deploying and Configuring Infrastructure (IaaS)

##### Managing Azure Subscriptions and Resources

##### Implementing and Managing Storage

##### Deploying and Managing Virtual Machines (VMs)

##### Configuring and Managing Virtual Networks

##### Managing Identities

#### Implementing Workloads and Security(IaaS)

##### Evaluating and Performing Server Migration to Azure

##### Implementing and Managing Application Services

##### Implementing Advanced Virtual Networking

#### Understanding Cloud Architect Technology Solutions (IaaS)

##### Selecting Compute and Storage Solutions

##### Hybrid Networking

##### Measuring Throughput and Structure of Data Access

#### Creating and Deploying Apps (PaaS)

##### Creating Web Applications using PaaS

##### Creating Apps and Services Running on Service Fabric

##### Using Azure Kubernetes Service

#### Implementing Authentication and Secure Data ((IaaS)

##### Implementing Authentication and Secure Data

##### Implementing Secure Data

#### Developing for the Cloud (PaaS)

##### Developing Long-Running Tasks and Distributed Transactions

##### Configuring a Message-Based Integration Architecture

##### Developing for Asynchronous Processing

##### Developing for Autoscaling

##### Developing Azure Cognitive Services Solution

**Create and configure storage accounts**

* configure network access to the storage account
* create and configure storage account
* generate shared access signature
* install and use Azure Storage Explorer
* manage access keys
* monitor activity log by using Azure Monitor logs
* implement Azure storage replication

**Create and configure a Virtual Machine (VM) for Windows and Linux**

* configure high availability
* configure monitoring, networking, storage, and virtual machine size
* deploy and configure scale sets

**Automate deployment of Virtual Machines (VMs)**

* Modify Azure Resource Manager template
* configure location of new VMs
* configure VHD template
* deploy from template
* save a deployment as an Azure Resource Manager template
* deploy Windows and Linux VMs

**Implement solutions that use virtual machines (VM)**

* provision VMs
* create Azure Resource Manager templates
* configure Azure Disk Encryption for VMs

**Create connectivity between virtual networks**

* create and configure VNET peering
* create and configure VNET to VNET
* verify virtual network connectivity
* create virtual network gateway

**Implement and manage virtual networking**

* configure private and public IP addresses, network routes, network interface, subnets, and virtual network

**Manage Azure Active Directory (AD)**

* add custom domains
* configure Azure AD Identity Protection, Azure AD Join, and Enterprise State Roaming
* configure self-service password reset
* implement conditional access policies
* manage multiple directories
* perform an access review

**Implement and manage hybrid identities**

* install and configure Azure AD Connect
* configure federation and single sign-on
* manage Azure AD Connect
* manage password sync and writeback

### How much does the AZ-300: Azure Architect Technologies Exam cost?

**The cost of the AZ-300: Azure Architect Technologies Exam is $165.00 USD plus tax or INR 4800 plus tax. This fee is paid to Microsoft when you register for your exam.**