

After the completion of our **Microsoft Azure Certification Training in Bangalore**, you will definitely boost your expertise and acquire your dream job at your desired organization as you will be proficient enough in Azure skill.

## **Besant Technologies Microsoft Azure Course Syllabus**

### **Module 1: Why Cloud? (Duration- 1hrs)**

- Why Cloud and what is Cloud Computing?
- Identify the features and benefits of cloud computing
- Different types of Cloud Computing deployment model
- Public Cloud, Private Cloud, Hybrid Cloud
- Virtualization – An essential in cloud
- Virtualization in Cloud model
- Different types of virtualization
- Hypervisor – Benefits
- Different types of services and its difference in Cloud computing
- IaaS, PaaS, SaaS
- Importance of scaling in cloud computing
- Different types of scaling and its applications
- Issues we overcome using cloud and applications
- Cost model that we use in cloud computing

### **Module 2: A kick start on the Microsoft Azure platform (Duration-1hrs)**

- Microsoft Azure – An High-level overview
- Creation of Azure account
- Overview of the services provided in Azure
- Learn support center help and other controls

### **Module 3: Managing Microsoft Azure Subscription (Duration-1hrs)**

- Creating subscription for the account
- Cost center and tagging
- Azure policies

### **Module 4: Azure Resource Management (Duration-2hrs)**

- Managing and analyzing Azure resource
- Diagnostics and baseline environment
- Creating alerts and metrics
- Managing costs
- Log analysis

### **Module 5: Azure Virtual Machines (Duration-5hrs)**

- Introduction to Virtual machine architecture
- Azure Virtual machine – an overview
- Understanding different families of virtual machines
- Understanding the plans and costs of virtual machines
- Creating a virtual machine
- Connecting the virtual machine remotely
- Understanding VM Availability
- Understanding and setting virtual machine monitoring
- Virtual Machine scale sets (VMSS)
- Creating windows and Linux virtual machines

### **Module 6: Managing Azure Virtual Machines (Duration-2hrs)**

- Adding additional data disks to Virtual machine
- Adding network interface cards to virtual machines
- Changing different VM size
- Redeploying virtual machines

### **Module 7: Azure Virtual machine backups (Duration-2hrs)**

- Understanding virtual machine backups
- Virtual machine backup jobs and restores
- Hands-on on virtual machine concepts

### **Module 8: Azure Virtual Networks (Duration-6 hrs)**

- Understanding Basic networking
- Understanding CIDR
- Creation of virtual networks
- Public IP addressing concepts
- Learning network routing on azure
- Setup virtual networks peering between different virtual networks
- Vnet to vnet connection

### **Module 9: Introduction to Load Balancing (Duration-2 hrs)**

- Setup Load Balancer
- Front End IP Configuration

### **Module 10: Azure network security groups (Duration-1hr)**

- An intro to Network security groups
- Implementing Network security group rules

### **Module 11: Azure DNS Services (Duration-2hrs)**

- Azure DNS services introduction
- Assigning custom domains

### **Module 12: Azure AD – Basic vs Premium (Duration-5hrs)**

- Introduction and Creating Azure AD
- Adding our Custom Domains
- Learn about AD Identity Protection
- How to implement Self Service Password Reset
- Conditional Access and Access Reviews

### **Module 13: Implementing MFA (Duration-1hrs)**

- Azure AD MFA – An introduction
- Azure AD Conditional Access
- Configuring Fraud Alerts
- MFA One Time Bypass

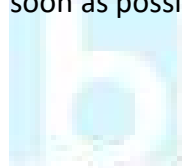
### **Module 14: Azure RBAC (Duration-1hrs)**

- Understanding Azure Role-based access control (RBAC)
- Creating custom RBAC

### **Module 15: Creating and configuring storage accounts (Duration-3hrs)**

- Create Storage Account
- Virtual Networks and Firewalls
- Access Keys and SAS
- Storage Explorer
- Log Analytics
- Redundant Storage

Interested to learn? Contact Besant Technologies. You can also provide your details such as Name, Email & Mobile number to us through our [website](#) coordinators will contact you as soon as possible. Contact us to get a customized syllabus to hit your need.



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