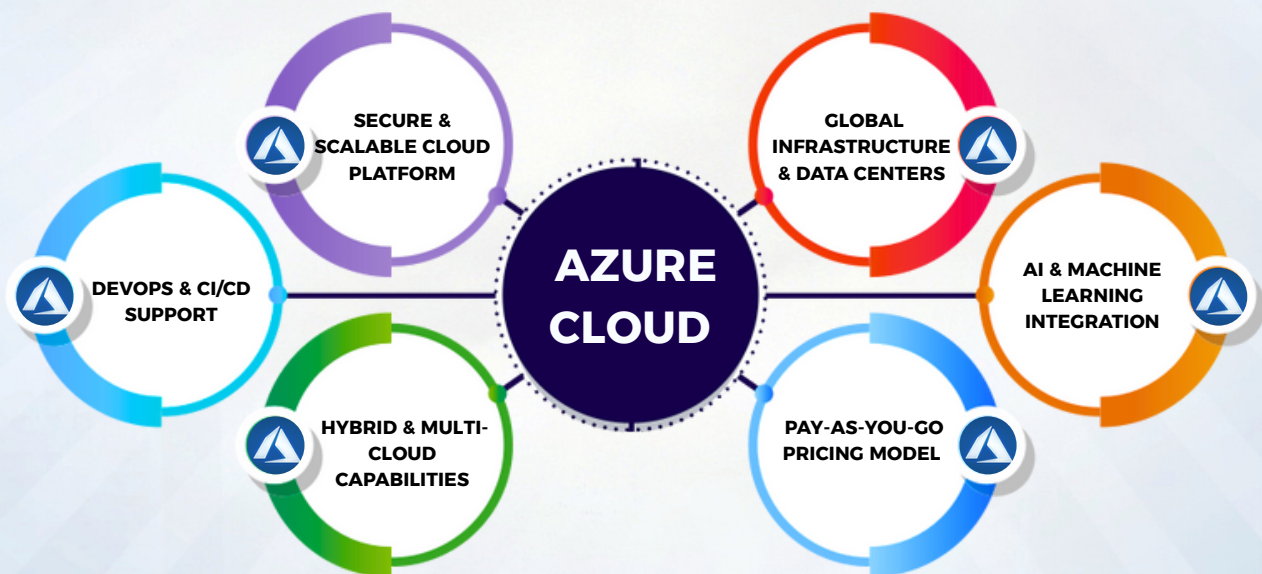




AZURE CLOUD



AZURE CLOUD SYLLABUS

1.INTRODUCTION TO CLOUD COMPUTING

- WHAT IS CLOUD COMPUTING
- ADVANTAGES OF CLOUD COMPUTING
- TYPES OF CLOUD'S
- DIFFERENT CLOUD SERVICES SAAS, PAAS AND IAAS

2. CORE CONCEPTS OF AZURE

- INTRODUCTION TO MICROSOFT AZURE
- CREATION OF AZURE ACCOUNT
- AZURE PHYSICAL STRUCTURE
- AZURE MANAGEMENT INFRASTRUCTURE
- CREATE AZURE RESOURCE

3. AZURE COMPUTE AND NETWORK SERVICES

- AZURE VIRTUAL MACHINES
- AZURE CONTAINERS
- AZURE FUNCTIONS
- APPLICATION HOSTING OPTIONS
- AZURE VIRTUAL NETWORK
- CONFIGURE NETWORK ACCESS
- AZURE VIRTUAL PRIVATE NETWORK
- AZURE EXPRESSROUTE
- AZURE DNS

4. LOAD BALANCER AND TRAFFIC MANAGER

- CONFIGURE LOAD BALANCER AND TRAFFIC MANAGER
- OVERVIEW OF TRAFFIC MANAGER
- CONFIGURING TRAFFIC MANAGER
- OVERVIEW AND CONFIGURING OF FIREWALL
- CREATE AND CONFIGURE VNET PEERING
- CREATE AND CONFIGURE VNET TO VNET

5. AZURE STORAGE SERVICES

- AZURE STORAGE ACCOUNT
- AZURE STORAGE REDUNDANCY
- AZURE STORAGE SERVICES
- CREATE BLOB STORAGE
- AZURE MIGRATION OPTIONS
- AZURE FILE MOVEMENT

6. AZURE IDENTITY , ACCESS AND SECURITY

- AZURE DIRECTORY SERVICES
- AZURE AUTHENTICATION METHODS
- AZURE EXTERNAL IDENTITIES
- AZURE CONDITIONAL ACCESS
- AZURE ROLE-BASED ACCESS CONTROL
- MICROSOFT DEFENDER FOR CLOUD

7. MICROSOFT CLOUD ADOPTION FRAMEWORK FOR AZURE

- AUTOMATING DEPLOYMENT WITH A MULTI-STAGE RELEASE PIPELINES
- DEFINE STRATEGY
- PLAN
- READY
- ADOPT
- GOVERN & MANAGE

8. MICROSOFT AZURE WELL- ARCHITECTURE FRAMEWORK

- AZURE WELL-ARCHITECTED FRAMEWORK PILLARS
- COST OPTIMIZATION
- OPERATIONAL EXCELLENCE
- PERFORMANCE EFFICIENCY
- RELIABILITY
- SECURITY
- FEATURES OF AZURE TEST PLAN
- MANAGING TEST PLANS, SUITES AND CASES
- SUBSCRIBE TO THE TEST PLAN FREE TRIAL
- AZURE TEST AND FEEDBACK EXTENSION

9. AZURE APP SERVICES

- OVERVIEW OF APP SERVICES
- DEPLOYING THE WEB APP
- CONFIGURING THE APP SERVICES
- SCALING OF WEBSITES
- OVERVIEW OF LOGIC APP'S
- CONFIGURING THE LOGIC APP'S
- PRACTICAL SESSION

10. AZURE RECOVERY SERVICE VAULT

- OVERVIEW OF AZURE RECOVERY SERVICE VAULT
- CREATING RECOVERY SERVICE VAULT
- CREATE AND CONFIGURE BACKUP POLICY
- CONFIGURE VM BACKUP
- CONFIGURE FILE BACKUP
- PRACTICAL SESSION

11. AZURE BACKUPS

- RESTORE THE VM BACKUPS
- RESTORE THE FILE BACKUP
- OVERVIEW OF DISASTER RECOVERY
- CONFIGURING THE DR FOR THE VMS
- REPLICATING THE VM'S USING ASR
- PRACTICAL SESSION

12. AZURE MONITORING

- OVERVIEW OF AZURE MONITORING
- CONFIGURING THE ALERTS
- CREATING THE AZURE ALERTS USING AZURE MONITOR
- OVERVIEW OF AZURE ADVISORS
- AUTOMATING THE PATCH MANAGEMENT
- PRACTICAL SESSION

COURSES OFFERING



**JAVA
FULLSTACK**



**PYTHON
FULLSTACK**



**UI
FULL STACK**



LINUX



**CLOUD
COMPUTING**



**DEVOPS
WITH AWS**



DSA



**SYSTEM
DESIGN**



**SOFTWARE
TESTING**



**CYBER
SECURITY**



**DATA
SCIENCE**



**DATA
ANALYTICS**

Our Recently Placed Students

Now it's Your Turn!

