



Powered by 3RI Technologies

AZURE

Premium Corporate Training



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About Us

COMPANY HIGHLIGHTS

3RI is an Advanced Technology Education Platform providing advanced and professional training in latest technologies that helps freshers and professionals rise to the advanced skills requirements of the current industry. Powered by 3RI Technologies, these Instructor-Led Online Training sessions are industry oriented courses on Microsoft Azure, GCP, AWS, Python, Angular, Java, Web Development & Software Testing by top class faculty who has more than 7+ years of experience in the same domain. The curriculum is designed by industry experts, who has real time scenario based exercise and case studies and projects using database from companies like Walmart, Amazon, Google, etc. This training is supported with teaching assistance which allows individuals to develop hands.

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ABOUT OUR COMPANY

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Faculty

Our Top-class faculty are experienced working professionals working in senior positions of top-tier companies like Infosys, TechMahindra, TCS, Cognizant, Google, Microsoft, etc.

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Subjects & Tracks

WHAT MAKES 3RI DIFFERENT ?

3RI Curriculum is based on real time industry approach, they are short and practical oriented to learn the concepts in fast pace with implementation skills.



Curriculum

1. INTRODUCTION TO CLOUD

2. MICROSOFT AZURE BASICS

3. DEPLOYING AND CONFIGURING INFRASTRUCTURE

4. INTRODUCTION TO AZURE VIRTUAL NETWORK AND SERVICES



Curriculum

5. MICROSOFT AZURE STORAGE

6. MODULE 5: IMPLEMENT AN AZURE ACTIVE DIRECTORY

7. AZURE SQL DATABASE

8. AZURE WEB APPS

9. MODULE 8: AZURE BACKUP AND SITE RECOVERY

INTRODUCTION TO CLOUD

Define Cloud Computing.
Cloud computing Infrastructure.
The requirements that need to be fulfilled to qualify as a cloud service.
Cloud service and deployment models.
Common misconceptions about cloud computing.
Common cloud Implementations.
Benefits of Cloud
Architecture discussion
Lab preparation

MICROSOFT AZURE BASICS

Introduction to Azure
What is SaaS, PaaS, and IaaS
Azure Regions and Data Centers
Understanding of Microsoft
Azure portal
Introduction to all Azure services
Windows Azure Subscription
Managing Azure Subscriptions and Resources

DEPLOYING AND CONFIGURING INFRASTRUCTURE

Virtual Machine instances
Deploying and Managing Virtual Machines (VMs)
Configuring and Managing Virtual Networks
Azure VM types and Pricing
Types of Provisioning
Disks & Images
Virtual Machine management, automation and scripting
Cloud Service and Resource Model
Deployment
Implementing and Managing Storage

INTRODUCTION TO AZURE VIRTUAL NETWORK AND SERVICES

Types of Azure Virtual Network VNET to VNET, point-to-site and site-to-site, Express Route.
Creating Virtual Networks in Azure
Azure Subnet and IP ranges
Endpoints
Load Balancing Endpoints
Understanding Network ACL and Network Security Group
Setting up Private and Public IP
Hands-on Lab: Create a VET-to-VNET virtual network
Hands-on Lab: Create a point-to-site virtual network
Introduction to Azure Traffic Manager
Available options in Azure Traffic Manager
Understanding of Deployment Traffic Manager
Hands-on Lab: Load Balancing using Azure Traffic Manager

MICROSOFT AZURE STORAGE

Overview of Microsoft Azure Storage
Azure Storage Account
Azure Storage Blobs
Control Access to Storage Blobs and Containers
Storage Account Replication Techniques
Type of Azure Storage Account
Storage Services Blob, Table, queue, File

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IMPLEMENT AN AZURE ACTIVE DIRECTORY

Active Directory Fundamentals
Implement Azure AD Connect
Multifactor Authentication
Add custom domains
Monitor Azure AD
Configure single sign-on with SaaS applications
Users and Groups Provisioning
Configure federation
Implement Azure AD integration in web and desktop applications
Create an Azure AD B2C Directory
Implement B2B collaboration Configure partner users
Integrate with applications
Azure AD data sync
Role-based Access Control
ADFS and Azure Access Control Service
Hands-on Lab: Authentication On-Premise app using Azure AD
Overview and Available features and Media Services
Azure Notification Hub Services

AZURE SQL DATABASE

Introduction about Azure SQL
Difference between SQL server and Azure SQL
Advantage and Benefits of SQL database
Scaling SQL database
Backup and Performance Options
Security in Azure
SQL Pricing Model

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AZURE WEB APPS

Understanding Web App tiers
Understanding of Web Job Pricing , Security, Monitoring
Resource Group and Web Hosting Plans in the New Preview portal
Supported language
Deploying Web App
Deployment sources
Hand-on Lab: Create, Deploy, Manager
Deployment
Benefits
Roles in Azure Cloud services
Web Role and Worker Role
Understanding Fault Domain and Upgrade Domain
Deployment pipeline

AZURE BACKUP AND SITE RECOVERY

Azure Vaults

Configuring backups

Data Protection Manager

Azure Site Recovery and Disaster Recovery

On Premise Migration using Recovery Services

Hands-on Lab: Configure a vault and backup a server from on premise
to cloud On-premise to on premise On-premise to Azure

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Placement Support



Placement at Our
Client's Location



Interview
Preparation



Resume Workshop
by Experts



Real World Application
Integration in Resume



Exclusive Sessions
from Experts

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FAQ's

- **DO I NEED TO PURCHASE ANY SOFTWARE ?**

No, we provide necessary installation guides of the software required.

- **WHAT ARE THE SPECIFIC SYSTEM REQUIREMENTS ?**

8 GB RAM, 500GB Hard disk (i3 Processor).

- **WHAT ARE PROJECTS ?**

Projects are real world datasets from companies like Nike, Yelp, Amazon, Netflix etc. that are provided to our students.

Who We Are?

THE PRESENTERS



SIDDHARTH SIR
AZURE CERTIFIED
PROFESSIONAL



NAKUL SIR
Azure Corporate
Trainer



RESHMA MADAM
Azure Trainer



Contact Us

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