

MULTI CLOUD COURSE SYLLABUS

COMMON:

- Intro to Cloud
- Cloud Computing
- Cloud Design Principles
- Cloud Service Types

AZURE:

- Intro to Azure
- Architectural Components
- Azure VM
- Azure Storage (Includes Data migration from Databases to cloud)
- Azure Virtual Network
- Azure Identity and access management/Azure security
- Azure Monitoring
- Azure automation (Azure CLI, SDK, Bicep)
- Azure with Terraform
- Resources/App deployment in azure
- Quiz



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AWS:

- Intro to AWS
- AWS architecture
- AWS Identity and access management/AWS security and compliance
- AWS Console/SDK/CLI
- AWS networking
- AWS EC2
- AWS Lambda
- AWS Elastic Beanstalk
- AWS Storage
- AWS Migration
- Deployment in AWS
- Quiz



BONUS: AWS AI/ML

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GCP:

- Intro to GCP
- GCP architecture
- Overview of GCP Dashboard
- GCP Networking
- GCP Database
- GCP Object storage
- Security in GCP
- Application Deployment
- Container Orchestration in GCP

