

DW- 400 Migrate to Innovate workshop

Module 01: Cloud Adoption Framework

- Intro : Messaging framework & scenarios
- Microsoft Cloud Adoption Framework for Azure
- Ready methodology and Landing Zone
 - Choosing the best Azure Landing zone to support your requirements for Cloud operation

Module 02 Migrating Virtual machines

- Migration tools
- Migration using Azure Migrate

Hands on Labs

- Lab 1 – Deploying the on-premise environment
- Lab 2 - Verifying deployed on-premise environment
- Lab 3 - Discover and assess the on-premise environment
- Lab 4 - Migrating Virtual Machines (Windows & Linux)

Module 03 Migrate Databases

- Migrate Databases with Azure Database Migration Service
- Migrating to Azure Database for PostgreSQL

Module 04 Migrating Web Apps

- Migrating web apps
- Partner Offers

Module 05 Post Migration governance, optimization and compliance

- Governance and Management methodology
- Introduction to Well-Architected Framework
- Optimizing reliability

Hands on Labs

- Lab 5 - Migrating SQL Databases and application
- Lab 6 – PostgreSQL Database Online Migration
- Lab 7 - Implementing Governance and Compliance
- Lab 8 - Implementing RBAC and Azure backup

Module 06 Securing the migrated workloads

- Security pillar in the Well-Architected Framework
- Implementing Microsoft Defender for Cloud
- Implementing Microsoft Sentinel
- Azure Security
- Microsoft Copilot for Security

Hands on Labs

Lab 9 - Integrating Microsoft Sentinel and Microsoft Defender for Cloud