

AZ 1004- Deploy and Configure Azure Monitor



Days: 1

Prerequisites: Understand the basic functionality of Azure Monitor and Log Analytics workspaces.

Description: In this learning path, you practice implementing Azure Monitor to collect, analyze and act on monitoring telemetry from Azure environments. You learn to configure and interpret monitoring for virtual machines, networking, and web applications.

OUTLINE:

LESSON 1 - CREATE AND CONFIGURE A LOG ANALYTICS WORKSPACE

- Create a Log Analytics workspace
- Configure access to Log Analytics workspaces
- Configure Log Analytics data retention
- Configure Log Analytics health status alerts
- Module assessment

- Alert rules
- Alert processing rules
- Module assessment

LESSON 6 - GUIDED PROJECT – DEPLOY AND CONFIGURE AZURE MONITOR

- Module assessment

LESSON 2 - CONFIGURE MONITORING FOR APPLICATIONS

- Understand Application Insights
- Application Insights sampling
- Diagnostic settings and resource logs
- Azure SQL Insights
- Module assessment

LESSON 3 - CONFIGURE MONITORING FOR VIRTUAL MACHINES

- Deploy Azure Monitor Agent to IaaS Virtual Machines
- Monitor Performance with VM insights
- Configure data collection rules for IaaS VM logs
- Module assessment

LESSON 4 - CONFIGURE MONITORING FOR VIRTUAL NETWORKS

- Topology
- Connection Monitor
- IP flow verify and NSG diagnostics
- Packet capture
- Module assessment

LESSON 5 - CONFIGURE ALERTS AND RESPONSES

- Azure Monitor alerts
- Action groups