AZ-1004: Deploy and Configure Azure Monitor

Course Content

Course Description:

In this course, 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.

Prerequisites:

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

Target Audience:

Administrators

Topics:

Lesson:

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

- Introduction
- Create a Log Analytics workspace
- Configure access to Log Analytics workspaces
- Configure Log Analytics data retention
- Configure Log Analytics health status alerts
- Knowledge check
- Summary

Configure monitoring for applications
- Introduction
- Understand Application Insights
- Application Insights sampling
- Diagnostic settings and resource logs
- Azure SQL Insights
- Knowledge check
- Summary

Configure monitoring for virtual machines
- Introduction
- Deploy Azure Monitor Agent to IaaS Virtual Machines
- Monitor Performance with VM insights
- Configure data collection rules for IaaS VM logs
- Knowledge check
- Summary

Configure monitoring for virtual networks
- Introduction
- Topology
- Connection Monitor
- IP flow verify and NSG diagnostics
- Packet capture
- Knowledge check
- Summary

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Configure alerts and responses
- Introduction
- Azure Monitor alerts
- Action groups
- Alert rules
- Alert processing rules
- Azure Monitor change analysis
- Knowledge check
- Summary

Guided Project – Deploy and configure Azure Monitor
- Introduction
- Exercise - Prepare your Azure environment
- Exercise - Deploy Log Analytics
- Exercise - Monitor web apps
- Exercise - Configure monitoring for compute services
- Exercise - Configure alerts
- Knowledge check
- Summary

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NASBA Information

Level: Intermediate

Attendance Requirement: To be awarded the full credit hours, you must sign in and attend the entire course.

Fields: Computer Software & Applications

CPEs: 14

Policies: Course Registration, Cancellation, Refund and Complaint Resolution

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