

AZ - 1004 : Deploy and configure Azure Monitor

Course Outline

Module 1: Create and Configure a Log Analytics Workspace

Lessons:

- Create a Log Analytics workspace
- Configure access to a Log Analytics Workspace
- Configure data retention for a Log Analytics workspace
- Configure Health Status Alerts for a Log Analytics workspace

Module 2: Configure Monitoring for Applications

Lessons:

- Describe how Application Insights is used to monitor application performance
- Distinguish between the different Application Insights sampling rates
- Describe Azure diagnostic settings and resource logs
- Leverage Azure SQL Insights to improve performance of Azure SQL database applications

Module 3: Configure Monitoring for Virtual Machines

Lessons:

- Describe the Azure Monitor Agent and how it can be deployed to IaaS Virtual Machines
- Explain VM Insights and how to use it to monitor IaaS VM performance
- Enable data collection rules to collect operating system and application logs

Module 4: Configure Monitoring for Virtual Networks

Lessons:

- Create and configure an Azure Network Watcher Connection Monitor
- Create and configure a flow log
- Enable Traffic Analytics
- Configure access to flow logs

Module 5: Configure Alerts and Responses

Lessons:

- Describe the purpose of and identify the different types of alerts
- Explain how action groups are used to notify users about alerts
- Configure and manage alert rules
- Configure alert processing rules to modify triggered alerts
- Describe how Change Analysis provides insight into changes made to Azure resources

Module 6: Guided Project – Deploy and Configure Azure Monitor

Lessons:

- Deploy and configure Log Analytics
- Configure monitoring for Web apps
- Monitor compute and networking services

- Configure alerts

SpireTec Solutions