

# Deploy and configure Azure Monitor

**Course Duration: 8 Hrs.**

**Course Code: AZ-1004**

## Course Overview

The AZ-1004 courses are for IT professionals and Azure administrators who want to improve their skills in distributing and configuring Azure Monitor. They focus on gathering, analyzing, and using Azure Monitor to collect, analyze, and act on Telemetry data from the Azure environment.

## Course Content

### Tasks briefly Create and configure a Log Analytics workspace

- Create a Log Analytics workspace
- Configure access to a Log Analytics workspace
- Configure data retention
- Configure Log Analytics health status alert
- Supporting module (s):
- Create and configure a Log Analytics workspace

### Configure change analysis

- Enable Azure Monitor Change Analysis for one of two (pre-deployed) web apps and its App Service plan
- Create a custom Change Analysis filter and pin it to the default • dashboard in the Azure portal
- Supporting module (s):
- Configure monitoring for applications
- 

### Configure monitoring for applications

- Create an Application Insights resource
- Configure data sampling rate
- Set daily telemetry volume cap

### **Configure monitoring for virtual machines (VMs)**

- Deploy Azure Monitor Agent to a virtual machine
- Configure data collection rules, including Windows event logs, syslog, IIS logs, and application-specific logs
- Enable VM Insights • Supporting module (s):
- Configure monitoring for virtual machines
- Configure monitoring for virtual networks

### **Configure monitoring for virtual networks**

- Create and configure an Azure Network Watcher Connection Monitor
- Create and configure a flow log
- Enable Traffic Analytics
- Configure access to flow logs
- Supporting module (s):
- Configure monitoring for virtual networks

### **Configure alerts and responses**

- Create an action group
- Create an alert rule
- Create an alert processing rule to suppress notifications during a specific time window
- Configure automated responses to alerts, including notifications and runbooks