

Deploy and configure Azure Monitor

Duration: 8hrs

Tasks at a glance

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 anomaly detection email notifications
- Configure SQL Insights
- Configure diagnostic logging

Supporting module (s):

- [Configure monitoring for applications](#)

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