



AZ-1004: Deploy and configure Azure Monitor

Microsoft - Security

- **Nível:** Intermédio
 - **Duração:** 7h
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Sobre o curso

Aprenda a configurar e a interpretar a monitorização de máquinas virtuais, redes e aplicações web.

Neste workshop, os participantes irão praticar a implementação do Azure Monitor para recolher, analisar e proceder à monitorização da telemetria de ambientes Azure. Aprenderão também a configurar e a interpretar a monitorização de máquinas virtuais, redes e aplicações web.

Destinatários

- Profissionais Azure
 - Profissionais Microsoft
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Objetivos

- Criar e configurar um workspace no Log Analytics
 - Configurar a monitorização de aplicações
 - Configurar a monitorização de máquinas virtuais
 - Configurar a monitorização de redes virtuais
 - Configurar alertas e respostas
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Pré-requisitos

Os participantes deverão compreender as funcionalidades básicas dos workspaces do Azure Monitor e do Log Analytics.

Programa

- Criação e configuração de um workspace no Log Analytics
- Configuração da monitorização de aplicações
- Configuração da monitorização de máquinas virtuais
- Configuração da monitorização de redes virtuais
- Configuração de alertas e respostas
- Projeto Guiado - Implementação e configuração do Azure Monitor

Create and configure a Log Analytics workspace

Understand how to create and configure a Log Analytics workspace, and how to configure data retention and health status alerts for the workspace.

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

Configure monitoring for applications

Understand how to monitor the performance of your applications and how to collect and analyze the appropriate telemetry to improve application performance.

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

Configure monitoring for virtual machines

Understand how to deploy and configure Azure Monitor Agent on IaaS VMs and how to enable VM Insights and Data Collection Rules to monitor performance and application telemetry.

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

Configure monitoring for virtual networks

Understand how to use Azure Network Watcher Connection Monitor, flow logs, NSG diagnostics, and packet capture to monitor connectivity across your Azure IaaS network resources.

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

Configure alerts and responses

Understand how to configure and manage alerts and responses in order to proactively manage notifications about potential issues before those issues become problems for your users.

- Azure Monitor alerts
- Action groups
- Alert rules
- Alert processing rules
- Azure Monitor change analysis

Guided Project - Deploy and configure Azure Monitor

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