Azure Monitor

Mindcore has developed an **Azure Monitor Framework** that makes monitoring of Azure components simple and quick

August 2022

MINDCORE

The quick and easy way to getting started with Azure Monitor

In a hybrid environment, monitoring has become increasingly complex. **Azure Monitor** helps you maximize the availability and performance of your applications and services. It delivers a comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments. This information helps you understand how your applications are performing and proactively identify issues affecting them and the resources they depend on.

Mindcore has developed an **Azure Monitor Framework,** based on PowerShell and a Runbook, that ensures

- Automation regarding setup of alerts for components in Azure (monitor framework)
- Flexibility regarding setup of monitoring and future monitoring
- Pre-defined alert rules setup ("Templates") to ensure a good start with Azure Monitor
- Modern Authentication (App registration / Runbook)
- Continue to develop the monitoring framework with minimal effort
- The possibility for expanding automation to include more tenants
- Define own actions on alerts and the option to expand with more automatic on alerts

It is important to remember that working with Azure Monitor is continuous work, as all environments are different and are in constant change.

Mindcore's **Azure Monitor Framework** is a great place to start.

Our expert on Azure Monitor

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AZURE MONITOR | APPROACH TO GETTING STARTED

WHERE DO WE START?

- Alignment of expectations
- Review of pre-defined alert definitions / thresholds
- Setup dialogue
- Customer Customization Input

SETUP OF FRAMEWORK

- Implementation of Runbook, consisting of 23 Azure components
- Certificates
- Automation Account
- PowerShell code (pre-defined alert definitions)
- App registration
- Rights

TEST PHASE

- Monitor initial setup
- The option to expand with more types of components
- Get insights in your Azure Services

EVALUATION

- Evaluate detail and extent of alerts etc.
- Tweaking of thresholds / action groups
- Handling of alerts

NEXT STEP

- Decide if there are additional needs for monitoring
- Discuss what to do with alerts
- Discuss potential for automation based on alerts
- Decide on potential next step

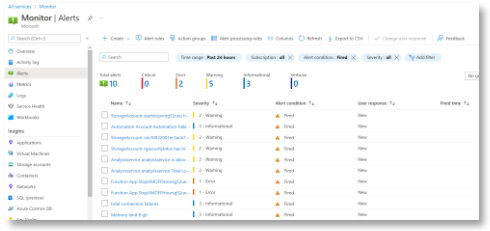
Overview of monitoring framework

2. Mindcores **Azure Monitor Framework** consists of a Runbook containing PowerShell.
The framework consist of 23 Azure components – see next page

Automation

- Runbook
- Event Hub
- ITSM
- Secure Webhook
- Webhook
- Logic apps
- Function App

1. Frequency of assigning monitoring to newly deployed Azure components



3. Azure Monitor will provide output, based on pre-defined alert rules

4. Next step is to decide what to do with found output and how to handle this

Components of the Azure Monitor Framework

The **Azure Monitor Framework** consists of 23 Azure components with pre-defined alerts


Analysis Services


API Connections


Application Insights


Automation Accounts


Azure Cosmos DB


Data Shares


Data factories


Event Grid


Event Hubs


Function App


Key Vaults


Kubernetes Services


Log Analytics Workplaces


Logic Apps


Network Interfaces


Network Security Groups


Public IP Addresses


Recovery Services Vaults


Service Bus

SQL Databases


Storage Accounts


Virtual Machines


Virtual Networks

For more information

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