

Azure Monitor

Azure Monitor enables core monitoring for Azure services by allowing the collection of metrics, activity logs, and diagnostic logs.



Azure Monitor

Monitoring is the act of collecting and analyzing data to analyze the health, performance, and availability of your business application and the its resources. An effective monitoring strategy helps you understand the detailed operation of the components of your application. It also aids to increase your uptime by proactively notifying you of critical issues so that you can resolve them before they become problems.

Azure includes multiple services that individually perform a specific role or task in the monitoring space. These services bring a comprehensive solution for collecting, analyzing, and acting on telemetry from your application and the Azure resources that support them. To provide a hybrid monitoring environment, they can also work to monitor critical on-premises resources. Understanding the tools and data that are readily available is the first step in developing an entire monitoring strategy for your application.

Azure Monitor enables core monitoring for Azure services by allowing the collection of metrics, activity logs, and diagnostic logs.

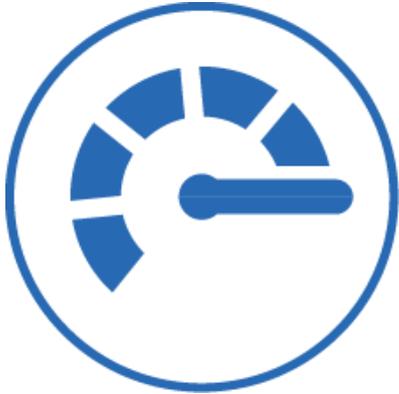
Metrics are accessible that implement performance statistics for different resources and operating system inside a virtual machine. You can view this data with one of the explorers in the Azure portal and create alerts based on these metrics.

Azure Monitor provides the fastest metrics pipeline (5 minute down to 1 minute), so you should use it for time critical alerts and notifications.

You can also send metrics and logs to Azure Log Analytics for detailed and trending analysis, or create additional alert rules to proactively alert you of critical issues.

Azure Monitor provides the following capabilities:

- Out-of-the-box logs and metrics
- Built-in pipeline for all monitoring data coming out of Azure resources
- Deep integration with Azure's advanced monitoring and analytics offerings
- Alerts to get notified and take automated action



Integrate with your existing tools

Azure Monitor integrates with Operations Management Suite Insight & Analytics, Application Insights, and a variety of partner tools. It also delivers webhooks and REST APIs that you can use to build custom integrations.

Easily Manage All your Monitoring Data

With Azure Monitor, you get access to the activity log that tracks every API call, up-to-date and detailed performance and utilization data, and diagnostic logs that help you debug issues in your Azure resources. All the monitoring data you need to operate and manage your Azure resources is centrally accessible through Azure Monitor.

Identify Operational Issues Easily

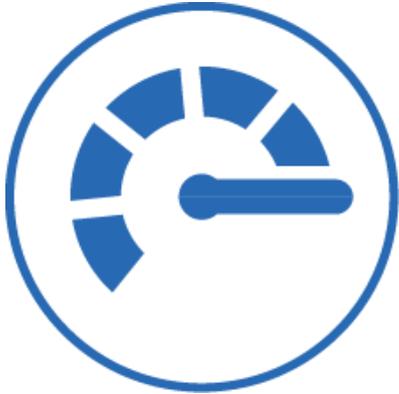
Azure Monitor gives you the essential tools you need to diagnose and analyze any operational issue, so you can resolve it effectively. You can create dashboards with graphs of performance metrics, search through subscription activity, and share your insights with others.

Set up Alerts and Take Automated Actions

Azure Monitor can help you set up alerts and respond proactively to events by setting up automated actions such as starting an Azure Automation runbook, autoscaling a resource or calling a webhook.

Deep Monitoring Services

Azure services provide rich competencies for collecting and analyzing monitoring data at a profound level. These services take advantage of common functionality in Azure that provide powerful analytics which collect data to give you insights into your infrastructure and applications. They present data in the context of scenarios that are targeted to different audiences.



Deep Application Monitoring

Use Azure Application Insights to monitor performance, availability, and usage of your application, in the cloud or on-premises.

Quickly identify and analyze errors without waiting for a user to report them. With the information that you gather, you can make informed choices on your application's improvements and maintenance.

Application Insights has extensive tools for collecting data. It stores its data in a common repository that can take advantage of shared functionality such as dashboards, alerts, and deep analysis with the Log Analytics query language.

About Cased Dimensions

Cased Dimensions is a Microsoft Alliance Partner and trusted advisor to organisations looking to achieve operational efficiency. Cased Dimensions delivers Microsoft Azure along with Azure business applications to help organisations radically improve existing business process.