Azure Monitor

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Central Dashboard to monitor all the applications

We can run a query from the logs for any applications

Application Insights is an extension of Azure Monitor and provides Application Performance Monitoring (APM) features. APM tools are useful to monitor applications from development, through test, and into production in the following ways:
 • Proactively understand how an application is performing.
 • Reactively review application execution data to determine the cause of an incident.

In addition to collecting metrics and application telemetry data, which describe application activities and health, Application Insights can also be used to collect and store application trace logging data.

The log trace is associated with other telemetry to give a detailed view of the activity. Adding trace logging to existing apps only requires providing a destination for the logs; the logging framework rarely needs to be changed.

Application Insights feature overview

Features include, but not limited to:
Expand table

Feature	Description
Live Metrics	Observe activity from your deployed application in real time with no effect on the host environment.
Availability	Also known as *Synthetic Transaction Monitoring*, probe your applications external endpoints to test the overall availability and responsiveness over time.
GitHub or Azure DevOps integration	Create GitHub or Azure DevOps work items in context of Application Insights data.
Usage	Understand which features are popular with users and how users interact and use your application
Smart Detection	Automatic failure and anomaly detection through proactive telemetry analysis.
Application Map	A high level top-down view of the application architecture and at-a-glance visual references to component health and responsiveness.
Distributed Tracing	Search and visualize an end-to-end flow of a given execution or transaction.

SDK Appsights.web autotelemetry
Availliability test
Standard test - get request