

Dynatrace and Microsoft Application Insights

Going beyond App Insights to AI-powered, full-stack, automated monitoring

Microsoft Application Insights provides many metrics to help developers understand how their app is performing and being used. Because App Insights is included with Visual Studio, teams using Microsoft Azure often find it a useful first step at getting the insights they need.

However, it is important to recognize the limitations of Application Insights and why a solution like Dynatrace is required for effective monitoring of production applications.

Fact Sheet

What makes Dynatrace the easiest and most effective monitoring solution?

Full stack and powered by artificial intelligence, Dynatrace was designed for today's dynamic, complex cloud applications. Here are just a few of the reasons Dynatrace is the leader in Application Performance Management:



Easy Installation

The Dynatrace agent installs in Azure using a built-in Azure Portal extension.



Full Stack Auto-Discovery

Dynatrace auto-discovers all the elements and dependencies in your infrastructure including hosts, services, processes, applications, and databases, so you have total monitoring coverage of all your systems and user transactions.



Code Maintenance and Coverage

The Dynatrace agent monitors the performance of all your code without gaps, so you don't need to re-instrument after you change or add source code.



Ease your migration into the cloud

Dynatrace lets you visualize your architecture and all dependencies (even into the millions) in an interactive blueprint called Smartscape®. New cloud instances are auto-discovered as they are spun up and down.



Auto-Detection of Problems

Dynatrace uses intelligent baselining to alert on performance issues that are affecting real users, thereby eliminating "alert storms" of false alerts that can overwhelm an ops team.



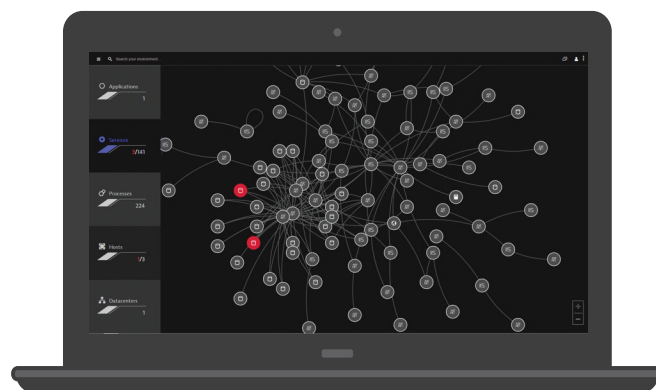
Auto-Determine Root Cause

Dynatrace uses artificial intelligence to automatically determine the root cause of problems, without any need for manual correlation or intervention.



Easy Dashboards and Reporting

Dynatrace has easy to use pre-configured dashboards, alerting and reporting. Dynatrace is easily customized for different user preferences, including dev, ops, DBAs, and more.



Dynatrace automatically discovers and maps all elements of your infrastructure.

Going beyond Application Insights

While Microsoft Application Insights provides some helpful metrics for developers, it has several limitations that reduce its effectiveness for monitoring critical production applications.



Manual instrumentation

Application Insights requires manual placement of telemetry code throughout your code base (see <https://docs.microsoft.com/en-us/azure/application-insights/app-insights-api-custom-events-metrics>).



Extra effort required for instrumentation change

If you change your Application Insights instrumentation, a recompile and redeployment are required.



Coverage gaps

Manual instrumentation of Application Insights telemetry opens the possibility of gaps in coverage.



Lost knowledge

Developers don't always document their code, so when they move out of the team, Application Insights instrumentation knowledge may be lost.



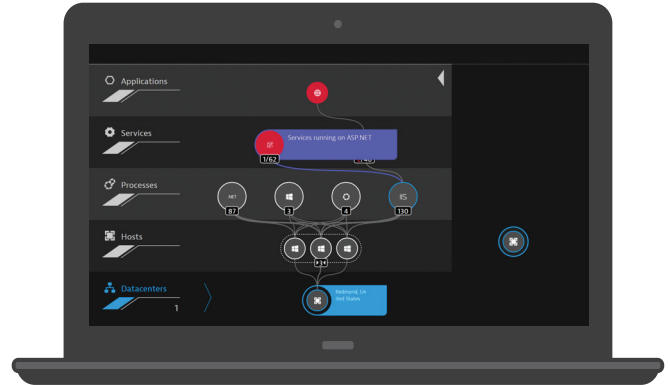
Dashboard setup effort

Application Insights requires querying the data to setup and configure your own dashboards.



Total Cost of Ownership

When you factor in the costs to manually instrument and maintain telemetry code, and setup data queries for dashboards and reporting, Dynatrace becomes a highly effective monitoring solution!



Dynatrace monitors the full stack

Get access to Dynatrace now to experience your environment in a totally new way!

Download your 15-day free trial: www.dynatrace.com/trial

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Dynatrace has redefined how you monitor today's digital ecosystems. AI-powered, full stack and completely automated, it's the only solution that provides answers, not just data, based on deep insight into every user, every transaction, across every application. More than 8,000 customers use Dynatrace to optimize customer experiences, innovate faster and modernize IT operations with absolute confidence.

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