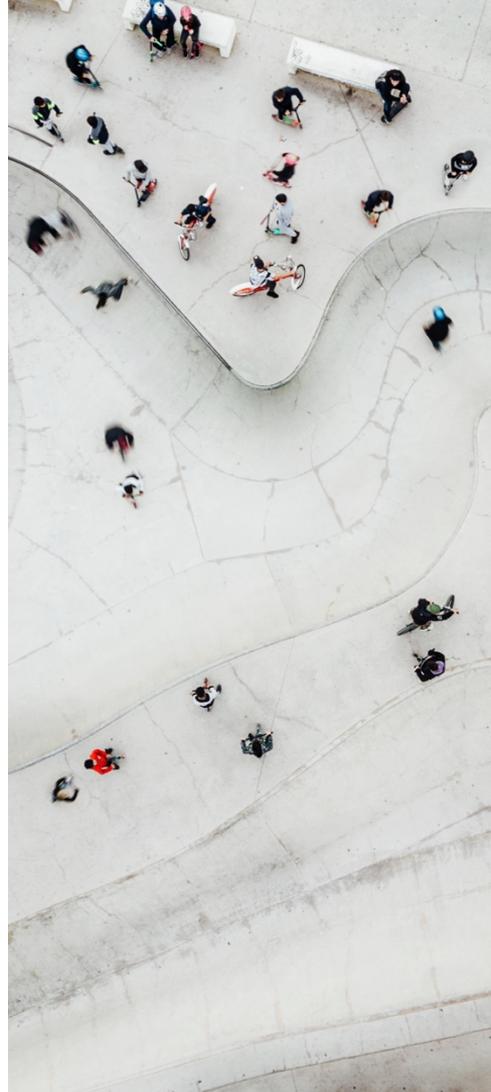# Achieving true end-to-end visibility of your applications with IBM Z APM Connect

How to ensure your IBM Z workloads are present in your application performance monitoring tools

Learn more at: ibm.biz/ZAPMConnect

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Most market-leading APM solutions cannot support the unique infrastructure of the mainframe, creating a painful black box. Given the prominence of IBM Z®, this lack of visibility is a serious concern for many enterprise customers.

IBM Z APM Connect takes a sophisticated approach to extend visibility to Z directly in APMs like Instana® and AppDynamics®. When problems arise, previously disconnected teams can finally identify and deliver a resolution before customers and revenue are affected.

The challenge

Digital experiences affect buying decisions and drive loyalty, but customers have zero tolerance for poor performance.

The digital marketplace has increased competition by several orders of magnitude, which has shifted the balance of power to consumers. In every vertical, there are various options for consumers to choose from, meaning one bad experience can be enough to drive a switch.

In addition to meeting increasing customer expectations, managing applications has become increasingly complex. The adoption of exciting new technologies like containers, orchestrators, microservices, serverless computing, and more all bring unique monitoring challenges for teams.

All of this means exciting new innovations for customers, but those who are responsible for monitoring all of this have a daunting task at hand.

Major enterprises across all industries rely on APM tools to meet customer performance expectations and overcome monitoring complexity. Full transparency allows all teams to operate from the same set of information when troubleshooting a problem or making a change.

Unfortunately, most market-leading APMs do not offer any support for the IBM Z platform.

Many of these critical applications that are being monitored with APMs involve the growing IBM Z platform. IBM Z plays a critical role in the world of hybrid cloud environments. Over the past decade, we have seen major organizations grow their workload on z/OS®: increasing transaction processing, batch, and data.

The IBM Z black box in APMs becomes an even more significant problem when the importance of the platform is continuing to grow.

The solution value

With many of our customers relying on APMs to monitor their applications while managing growing IBM Z workloads, we have built IBM Z APM Connect to enable full mobile-to-mainframe visibility of customer applications.

We provide users of an organization's APM solution with visibility into Z transaction-level details like region or program name. In doing so, they can quickly identify a specific component on IBM Z that may not be performing as usual without any specific domain knowledge. Intelligent baselining present in many APMs can also help alert to slowdowns before end users are even affected.

There are no dependencies on any additional IBM Z monitoring tools for this integration to stream data as long as the customer is using a supported APM. To provide customers flexibility within their current APMs, we offer integrations with both Instana and AppDynamics.

Our team has also taken various precautions to ensure this integration minimizes any additional overhead – ranging from the selective collection of data to off-platform transaction correlation.

Why IBM
We have made a very conscious decision to embrace a partner-first focus with IBM Z APM Connect. Gone are the days where customers will rely on one vendor to meet all their technology needs. Our goal is to ensure IBM Z can be a part of whatever APM tool a customer has chosen to embrace. We also recognize our position as the experts in this space. As the builders of the hardware, operating system, and related technologies we are uniquely positioned to craft the best integration for IBM Z customers.

Learn more

Find out how IBM Z Application Performance Management Connect can bring visibility into your Z workloads.

Browse IT operations and systems management: here

For more information on IBM Z APM Connect:

www.ibm.com/products/z-app-performance-management-connect

Get information about how to maintain and use the product:

IBM Knowledge Center

Watch a demo of the integration with Instana

Watch a demo of the integration with AppDynamics

IBM Observability with Instana:

www.ibm.com/cloud/instana

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