IBM Instana Observability

Precision observability into your cloud-native applications delivered every second

Keeping modern applications performing requires deeper insights

APM observability is built for cloud-native and hybrid applications and infrastructure

As cloud-native applications continue to grow in scale and complexity, companies rely on application performance monitoring (APM) observability to provide constant visibility into the health of the app and its infrastructure. APM observability provides the key capabilities required by highly distributed and scalable cloud-native and hybrid apps to optimum performance and resiliency. APM observability automatically scales with cloud-native apps to ensure complete component and their dependencies are visible at all times.

Move beyond simple system and application monitoring

AI provides context to solve issues quickly before customers are impacted

IBM Instana Observability automatically discovers the application components, systems and microservices throughout your infrastructure. It then delivers precision metrics at one second intervals, along with end-to-end transaction tracing across a vast (and growing) number of applications and services. Artificial intelligence (AI)-driven context makes the data actionable, enabling DevOps teams to stay a step ahead of potential issues with their applications.

Automation

Automated Observability provides comprehensive end to end traces with context in dynamic application environments.

Context

Real-time understanding of application component dependencies and issue detection is generated at 1 second intervals and 3 second notification.

Intelligence

Arti cial Intelligence proactively detects and remediates issues with automated resource management (ARM), AI-driven Smart Alerts, and analysis of every user request.

AI-driven APM for a multitude of use cases

IBM Instana increases application performance and reliability though deep observability and applied intelligence to what is being observed. It excels in cloud-based microservice architectures, enabling development teams to iterate more quickly and get in front of issues before they impact customers. There are many additional use cases for IBM Instana that go beyond application monitoring including:

Shift left observability

Integration with the development pipeline gives developers feedback from observability throughout the development process.

CI/CD pipeline acceleration

Higher performance and stability are achieved through immediate understanding of the impact of code changes as they are deployed.

Distributed tracing

Trace every request across every service, record all change and receive precision performance metrics with 1 second granularity.

Root cause analysis

Receive immediate identification of the root cause of every service impact, dramatically shortening mean time to resolution (MTTR).

IBM Instana Observability

IBM Instana Observability helps organizations rapidly resolve issues that arise in their applications. It provides automated observability of the entire IT infrastructure, combining monitoring with AI-driven context. Delivering 1 second metrics and end to end transaction traces, data gaps are virtually eliminated. Automated monitoring with AI reduces the workload for developers and IT analysts. This enables improvements in mean time to repair (MTTR) by reducing triage time. With 3 second alerts, teams can respond rapidly to incidents in the application and infrastructure, which empowers them to “shift left” and proactively solve issues before they impact customers.

MegaSoft
IT Consulting & Training

IBM Instana and MegaSoft

MegaSoft is an IBM Business Partner with vast experience in implementing IBM Solutions. MegaSoft can cater for your Enterprise Observability and Application Performance Management (APM) requirements by implementing IBM Instana for your organization.

Get started today with IBM Instana Observability and MegaSoft

Please email us on info@megasoft-arabia.com or visit our website www.megasoft.com.eg/instana

IBM