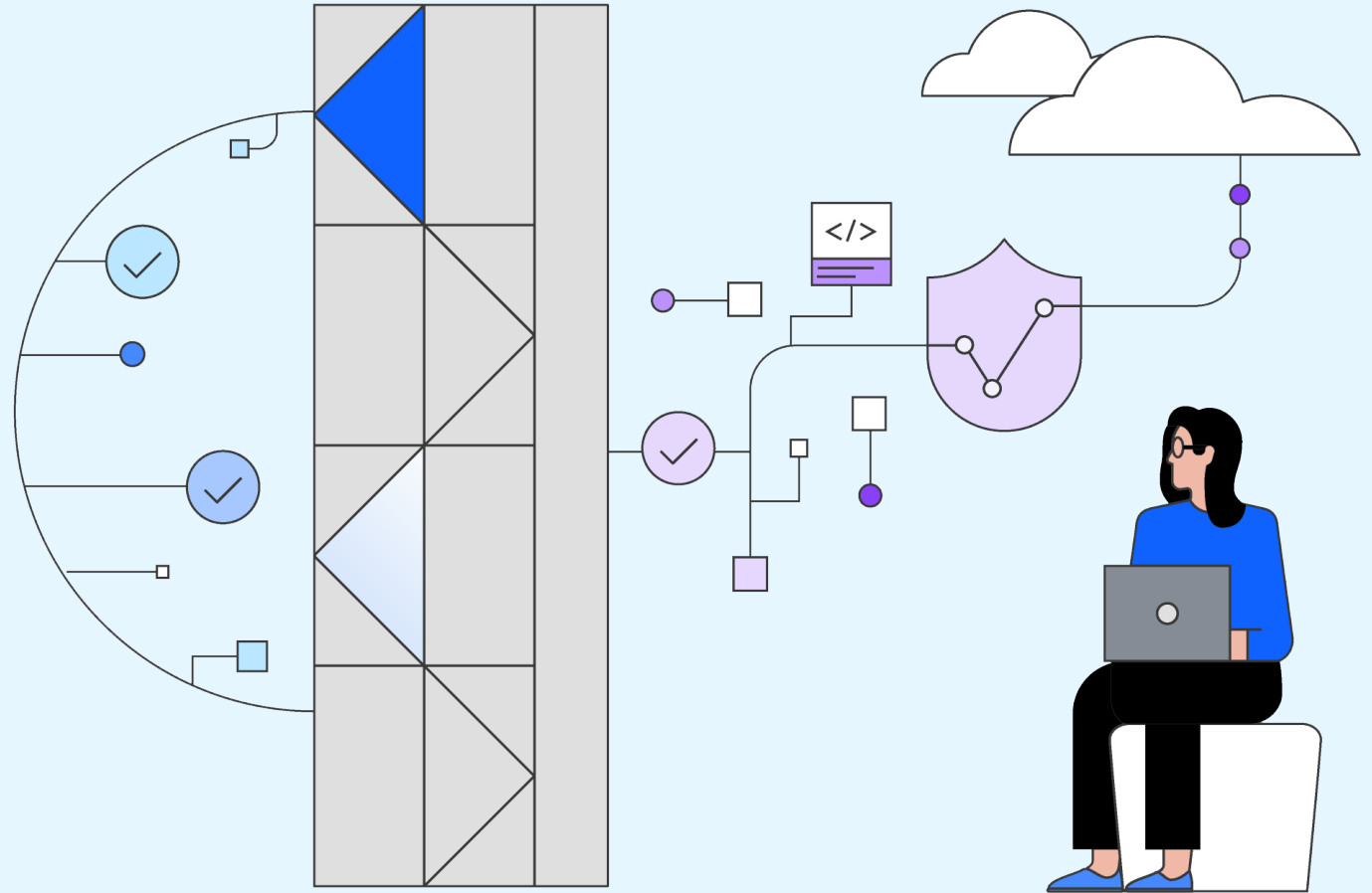


Best practices for taking a hybrid approach to AIOps for IBM Z



AIOps for IBM Z

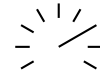
AIOps for IBM Z® is a powerful technology approach that combines automation with artificial intelligence (AI) and machine learning algorithms.

Improve your systems management, IT operations, application performance and operational resiliency on the mainframe.



Identify issues to reduce outages

Monitor hybrid applications and infrastructure proactively.



Speed problem determination

Use all data sources to analyze anomalies, isolate problems and identify root causes.



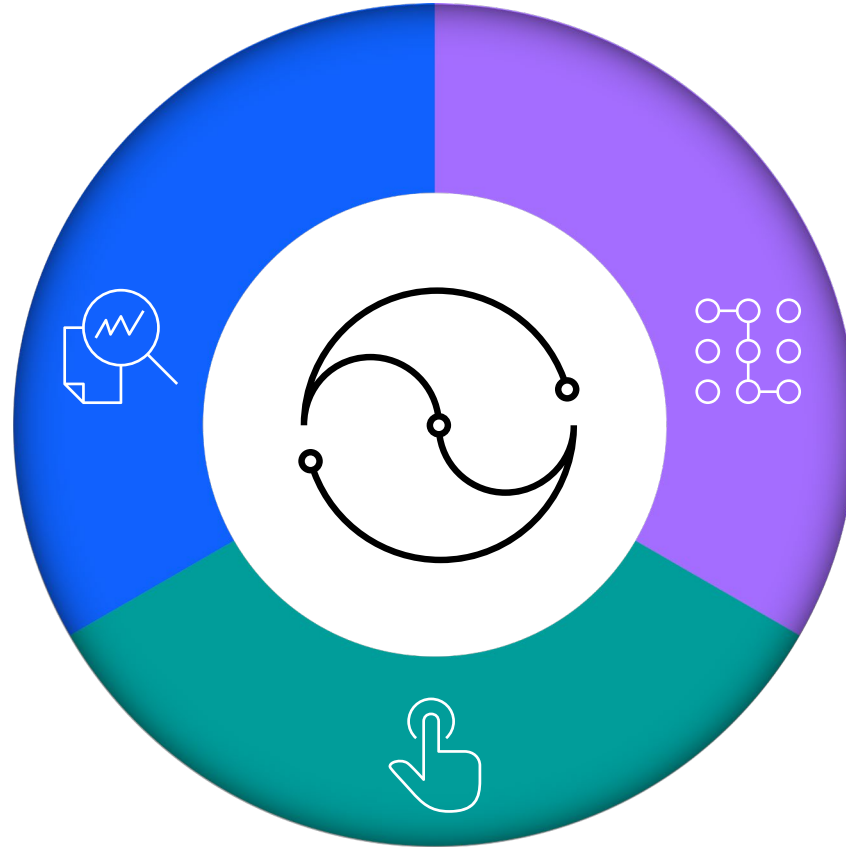
Minimize customer impact

Deploy automation to enhance collaboration for faster incident resolution.

AIOps for IBM Z Framework – IBM Z AIOps

Detect

Monitor hybrid infrastructure and applications and detect issues and anomalies.



Decide

Analyse issues and anomalies to isolate problems and identify root causes.

Act

Rapidly respond to reduce the impact on the clients with improved resiliency.

IBM Z AIOps Solutions



Monitoring

Identify poorly performing tasks quickly for faster resolution with full-stack monitoring for early detection for IBM Z incidents.



Observability

Integrate z/OS® into enterprise-wide observability platforms to provide end-to-end visibility of applications and underlying infrastructure. Support adoption of OpenTelemetry standard to deliver AI-assisted issue detection and resolution.



Performance Analysis & Optimization

Maximize application performance analysis and infrastructure availability through AI-assisted health and risk detection and optimize performance, workload, cost and capacity.



Automation

End-to-end, goal-driven and policy-based system automation. Intelligent workload automation with embedded predictive scheduling, automated configuration and provisioning.



Software Asset management

Understand software inventory and make license decisions that align with business goals and forecasts.



Backup resiliency

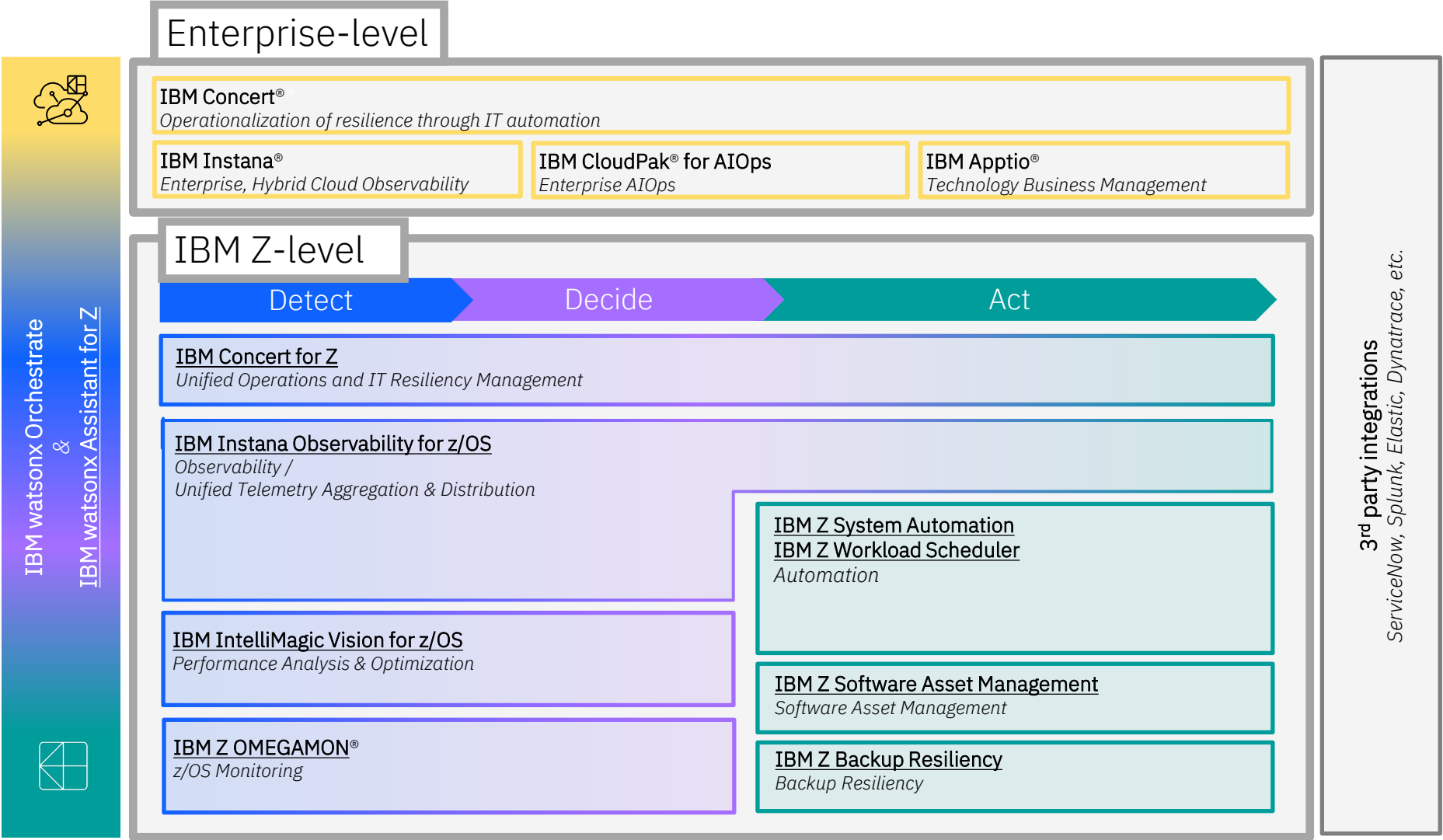
End-to-end backup and recovery for data using real-time analytics to pinpoint critical datasets, map dependencies, and enable surgical recovery within minutes.



Unified Operations & IT Resiliency Management

Simplify IT operations management for mainframe with AI-powered efficiency and AI-assisted chat operations. Manage incidents risk and resiliency and ensure security and compliance.

Solutions and product mapping



References



Additional resources

The AIOps for IBM Z framework and solutions will help determine the next best step



Website

[AIOps for IBM Z](#)

Demos/Videos

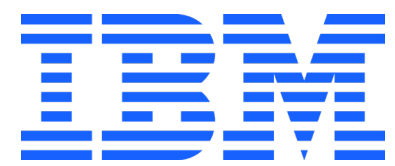
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