IBM Z Operations Analytics

Enable problem identification, isolation and resolution on IBM Z through analysis of structured and unstructured operational data.
We are experiencing an explosion of transactions driven by user demand. Technologies such as the Internet of Things and hybrid multicloud applications have shaped the modern era of data availability. Analytics have moved to real-time to capture new opportunities at points of impact. Leveraging IT analytics is now essential to keep up with the increasing rate of data production and collection.

IT systems underpin the ability for business agility. Businesses *must* harness these technological innovations to gain competitive advantages.
The digital transformation has enabled incredible advances in business efficiency and agility, but the digital transformation does not come without its share of challenges.

**Velocity of change is increasing, and workloads are becoming increasingly unpredictable.**

**Applications have introduced further complexities.**

**Organizations face skills issues as they go through a generational shift.**

**The growth of hybrid cloud IT operations are becoming strained.**
IBM Z Operations Analytics is a solution that enables clients to reduce outages and their business impact by detecting operational anomalies and identifying root cause of problems through deep insights and intelligent searching of operational data.

**Problem identification**
Leverage out of the box insights, anomaly detection and system health scorecards, powered by IBM Watson Machine Learning for z/OS®.

**Anomaly detection**
Use intuitive dashboards to visualize near real-time IBM Z® operational data, and deep dive tooling to quickly troubleshoot and eliminate war room scenarios.

1) Initial batch loading of data.
2) Sending data near real-time to the enterprise.
3) Process and train the model for anomaly scoring.
4) Score real-time data against the model.
5) Anomalous triggers are sent to IBM Z Operations Analytics Insights GUI which provides visual dashboards and evidence views with deep dive capabilities.
The solution value

**Business challenge:** Increase in the change of velocity.
- Unleash near real-time data visualization and powerful dashboards.
- Reduce time for root problem analysis and eliminate costly outages.

**Business challenge:** Hybrid multicloud induced complexities.
- Leverage analytics platform of your choice to access Z data like never before.
- Achieve end-to-end enterprise visibility.

**Business challenge:** Strained IT operations and increasing Z skills gap.
- Problem insights help alleviate skill gaps and reinvigorate your Z operations.
- Put an end to war room scenarios.

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Learn more

Find out how IBM Z IT Operations Analytics portfolio can help take your enterprise to the next step on your digital transformation.

Browse IT operations and systems management: [here](#)
Browse real-time analytics on the IBM mainframe: [here](#)

For more information on IBM Z Operations Analytics: [www.ibm.com/products/z-operations-analytics](http://www.ibm.com/products/z-operations-analytics)

Get information about how to maintain and use the product: [IBM Knowledge Center](#)

IBM Z Operation Analytics SplunkBase: [https://splunkbase.splunk.com/app/4498/#/details](https://splunkbase.splunk.com/app/4498/#/details)

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