Ironstream™ for Dynatrace

Expand Dynatrace observability and monitoring to include IBM Z

Dynatrace provides powerful end-to-end observability across your hybrid cloud and distributed applications — including initial visibility into IBM Z transaction flows. But mainframe operations generate a wealth of additional telemetry that Dynatrace alone cannot fully access.

Ironstream for Dynatrace bridges that gap by securely collecting and streaming rich, system-level data from IBM Z into your Dynatrace instance. It enhances your existing observability with unparalleled depth and context. With Ironstream, you can:

- Gain visibility into SMF, RMF, SYSLOG, and other IBM data — every metric, every event.
- Understand not just where a transaction flows, but why performance changed.
- Correlate metrics between mainframe and cloud-native sources in one unified Dynatrace dashboard.
- Reduce operational risk with non-intrusive data collection via IBM-published interfaces.
- Empower SRE, performance, and platform teams with actionable context for faster root-cause analysis.

Ironstream doesn't replace your Dynatrace z/OS capabilities — it enhances them, transforming your observability from high-level flow insight to full-stack intelligence across every tier of your business.

Best-in-class Solution for Real-Time Insights

By bridging the mainframe telemetry gap, Ironstream supports your organization in:

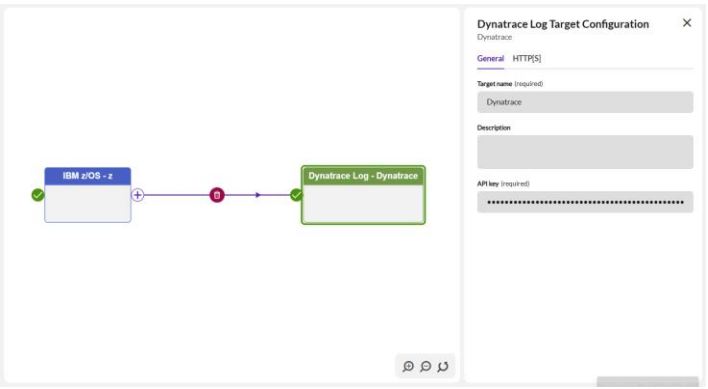
- Accessing a far broader set of IBM Z data sources – enabling you to understand why transactions performed the way that they did
- Ingesting and normalizing rich IBM Z system and subsystem metrics and logs at scale and in real-time
- Minimizing risk by using published IBM interfaces for data collection and avoiding intrusive monitors that could impact production – allowing you to understand more without increasing exposure or overhead
- Delivering a unified view of your modern architecture and mainframe operations – eliminating blind spots and enabling SRE, performance, capacity, and platform teams to work from a single source of truth
- Achieving the end-to-end ICT visibility needed to comply with regulatory requirements like DORA, NISC2, NYCRR and more

Key Features

Support for all critical IBM Z data sources including:

- Job lifecycle and batch monitoring (job start, end, return codes, ABENDs)
- CICS / IMS / DB2 operational and exception events (beyond transaction traces)
- System resource and capacity metrics (SMF 30, 70–79, 110, 115/116, DCOLLECT)
- Security events (RACF, ACF2, Top Secret)
- SYSLOG and console message streaming for early warning and triage signals
- Automated incident workflows when feeding these events into Dynatrace for downstream use cases – like feeding events into ServiceNow

Advanced Filtering of captured data uses low overhead exits with no log stream dependencies. Filtering reduces data volume and network traffic ensuring that only critical records and fields required for desired analytics and visualization are forwarded.



Easily build pipelines to send machine data from your IBM Z to Dynatrace via Ironstream