How much does an hour of downtime cost the average business?



So how much are organizations loosing for every hour of downtime?

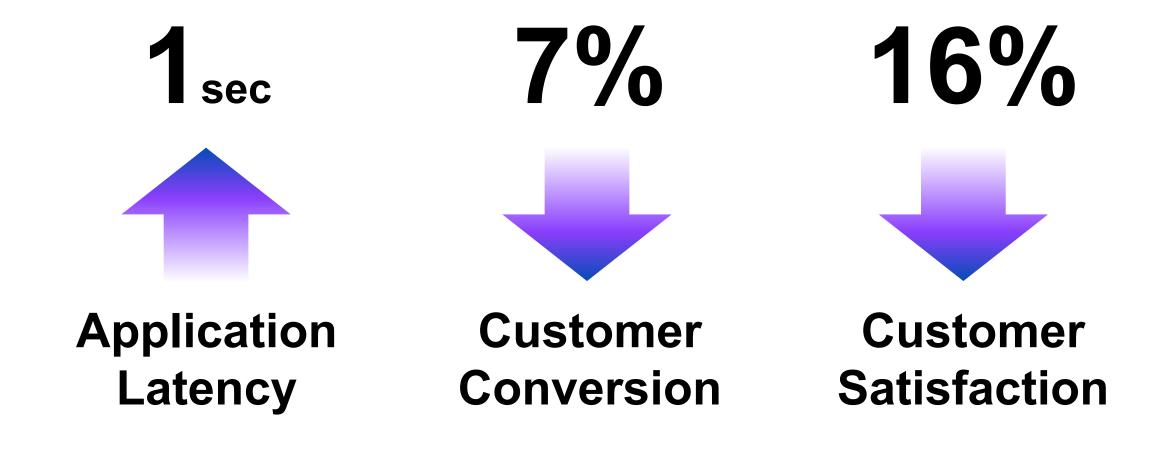
- 98% of organizations indicated costs had risen to over \$100,000
- 81% of those who participated indicated costs over \$300,000
- 33% of the enterprises indicated an hour of downtime can cost \$1-5 Million.



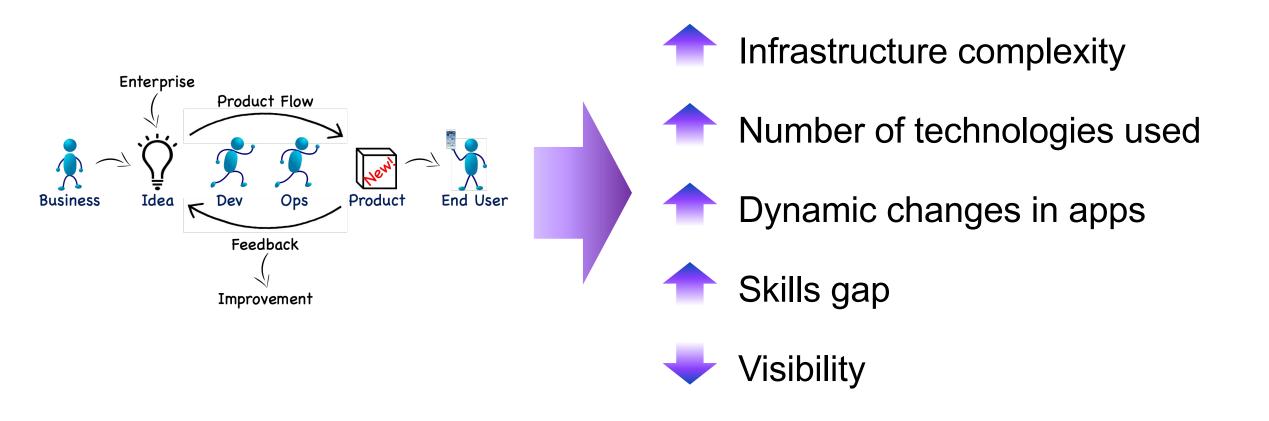




The impact of a 1-second delay

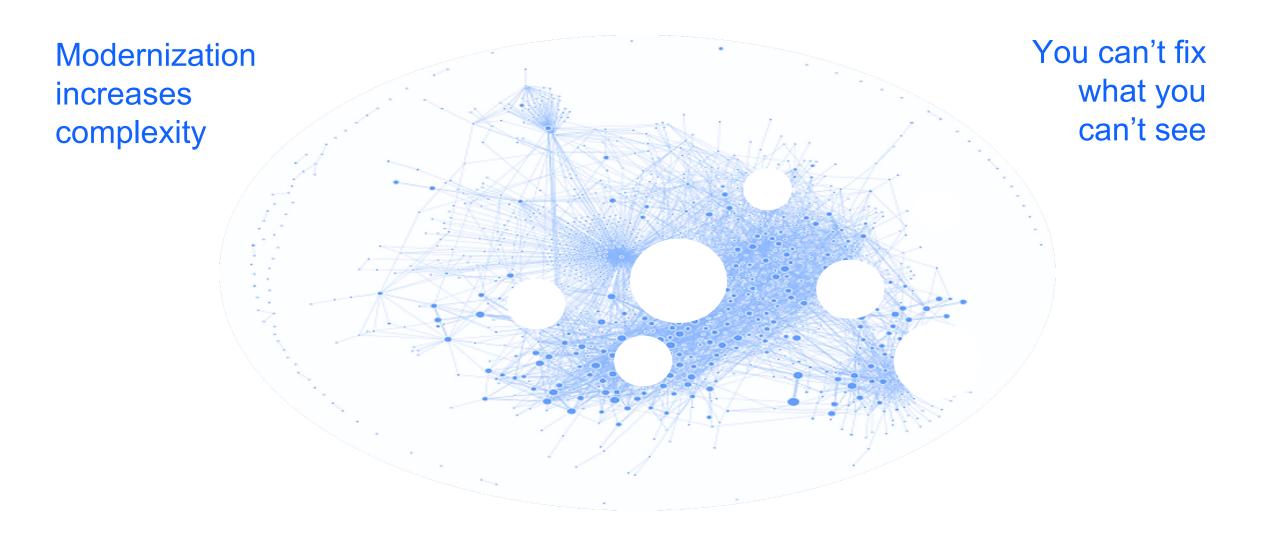


Modernizing apps come with new challenges



Application modernization, frequent releases, and use of cloud services creates a challenge for IT Operations

Traditional monitoring lacks full visibility



Complete and accurate data fidelity

Real-time granularity



Automated continuous discovery





Intuitive user interface Ease of use

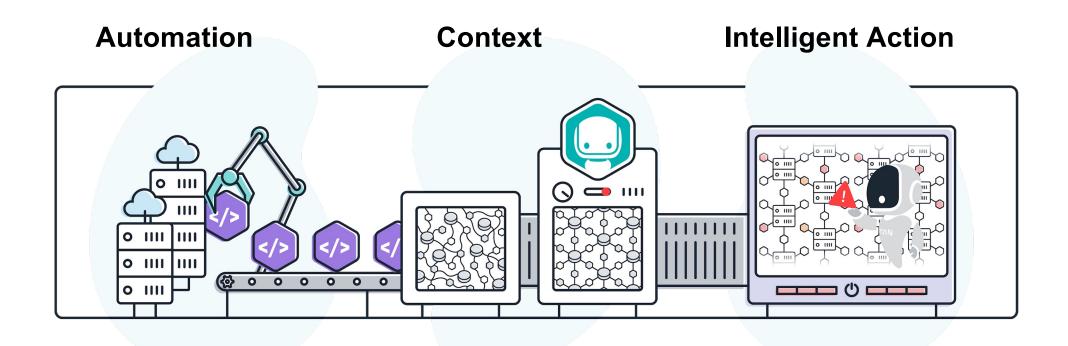
Support modernized apps - cloud, containers, microservices



Transparent and **predictable** pricing



IBM Instana Capability Pillars

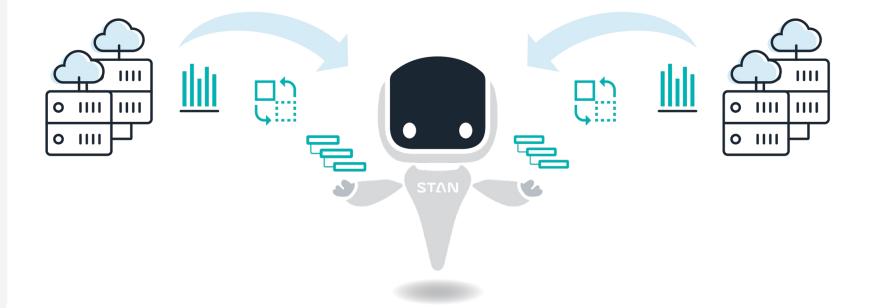


V Risk Reduction **V** Accelerated Innovation **V** Efficiency Gain

Automation

Automated full-stack application visibility - including real-time change detection, mapping, tracing and profiling - all with 1 second granularity and no sampling.

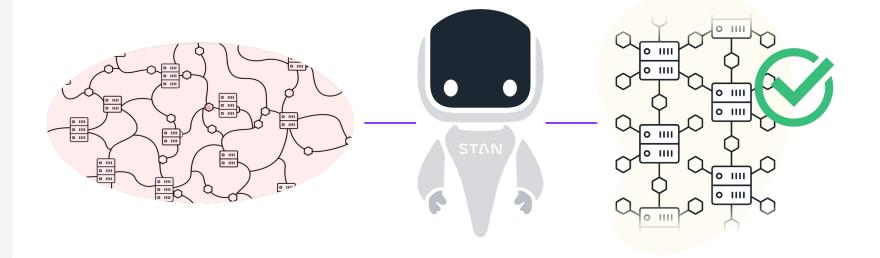
- Automatic Continuous
 Discovery
- Complete, Accurate Data (no sampling)
- Proactive Automated Health Monitoring
- OTB Curated Dashboards



Context

Real-time detection and mapping of all interdependencies reduces risk and decreases MTTR (Mean Time to Restore) by ensuring that you're always looking at accurate information.

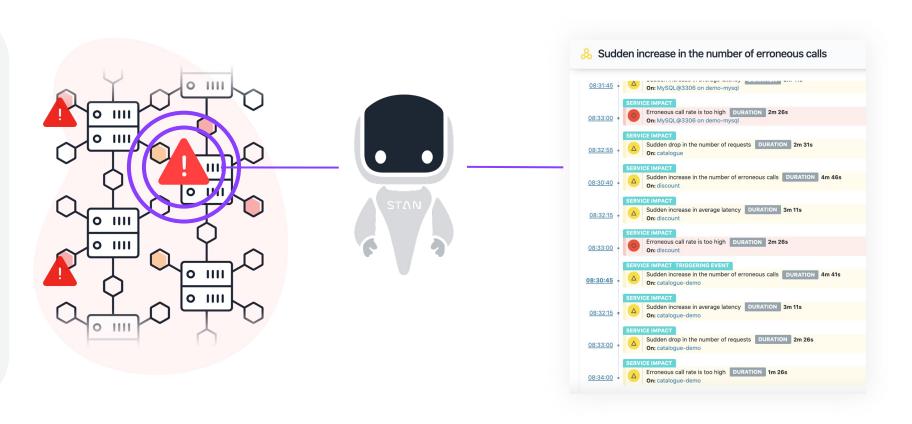
- Dynamic graph
- Automatic Anomaly Detection
- Application Perspectives
- Open Source & Logging Integrations



Intelligent action

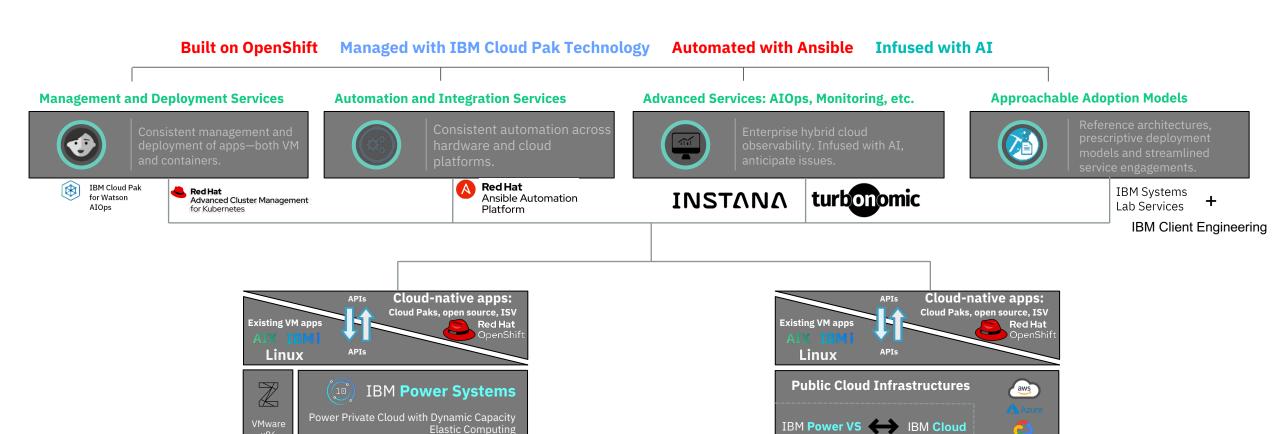
Resolve issues faster with an understanding of contributing factors. Analyze every user request from any perspective to quickly resolve bottlenecks and optimize performance.

- Root Cause Analysis with Correlated Alerting & Incident Reporting
- Guided Troubleshooting
- Immediate Feedback of Pipeline & Canaries
- Unbounded Analytics



Hybrid Cloud Platform with IBM Power

On-Premises

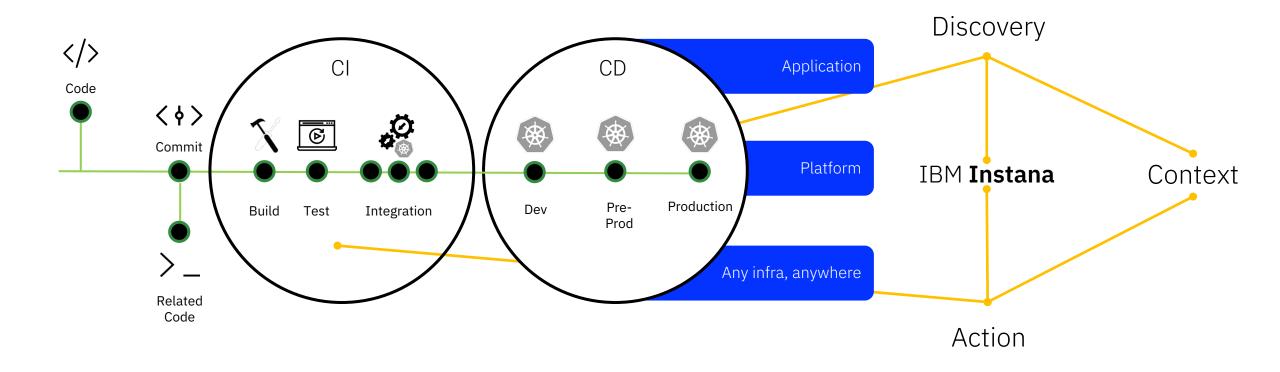


Hybrid Cloud

Infrastructure

Off-Premises

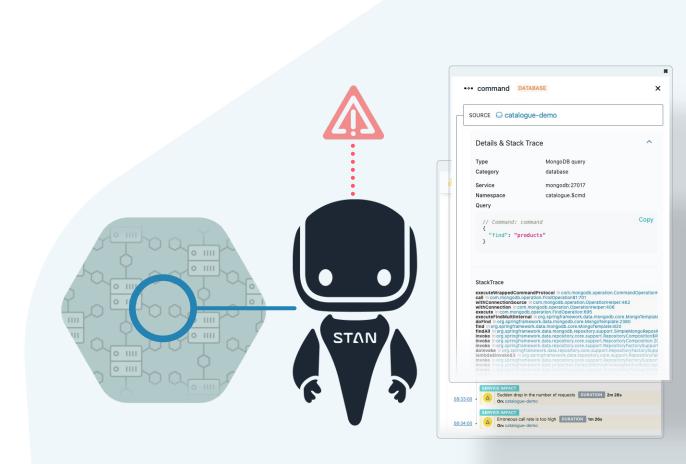
Optimize Across the Application Lifecycle



Continuously assure application health — don't make it an afterthought — build it into your systems and processes to ensure performance across the entire application lifecycle!

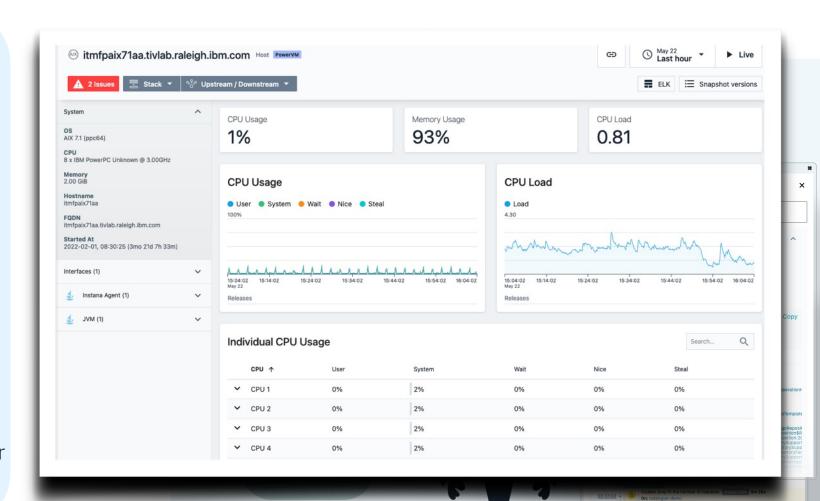
Observability for IBM Power

- Monitor Power Infrastructure:
 - AIX and Linux LPARs
 - IBM i
 - HMC Sensor
 - Frame
 - VIOS
 - LPARs
- Cloud Native
 - Kubernetes/OCP on Linux on Power
- Applications
 - Runtimes on AIX/Linux on Power
 - Middleware on AIX/Linux on Power



Observability for IBM Power: Power VS

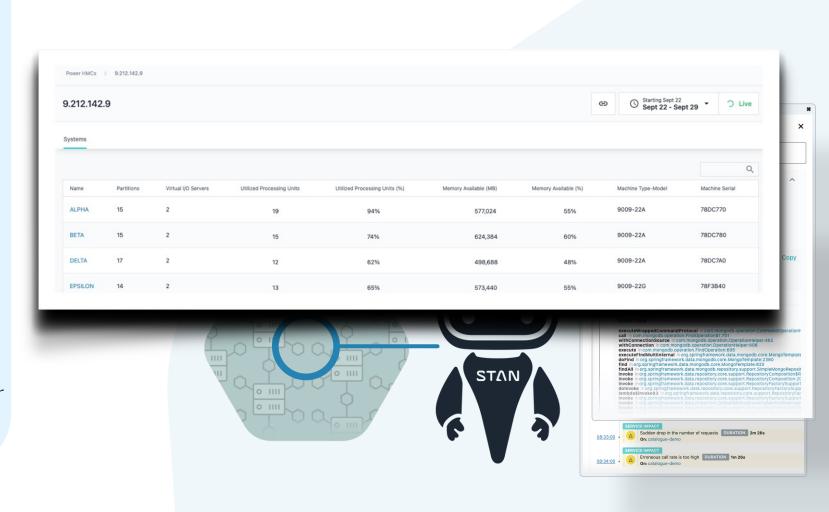
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Erroneous call rate is too high DURATION 1m 26s

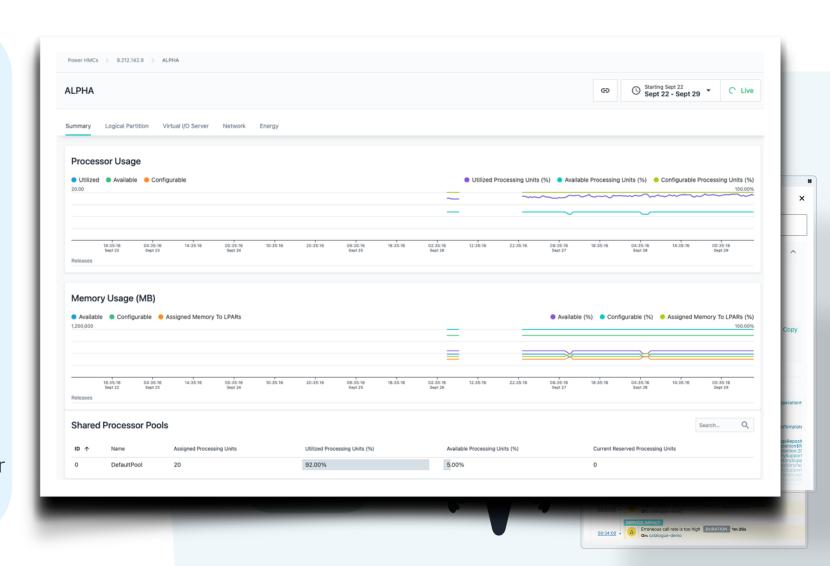
Observability for IBM Power: Power HMC

- Monitor Power Infrastructure:
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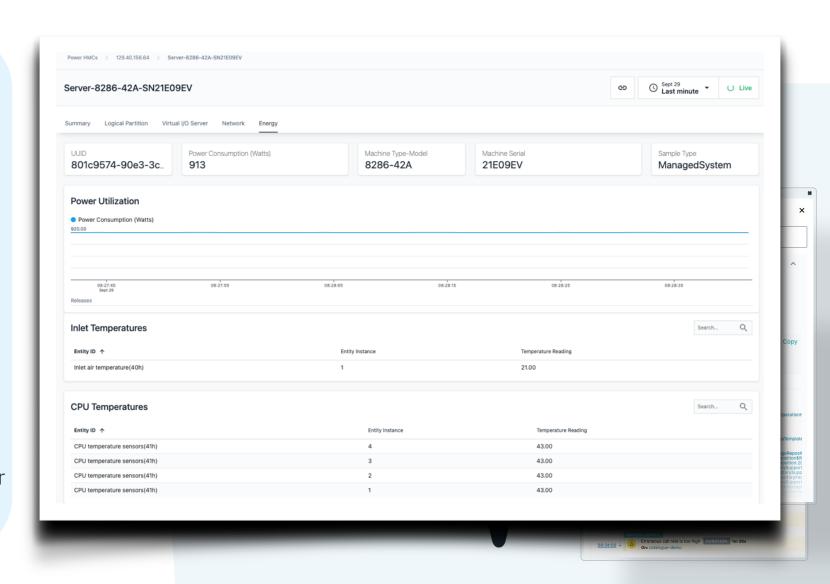
Observability for IBM Power: Host

- Monitor Power Infrastructure:
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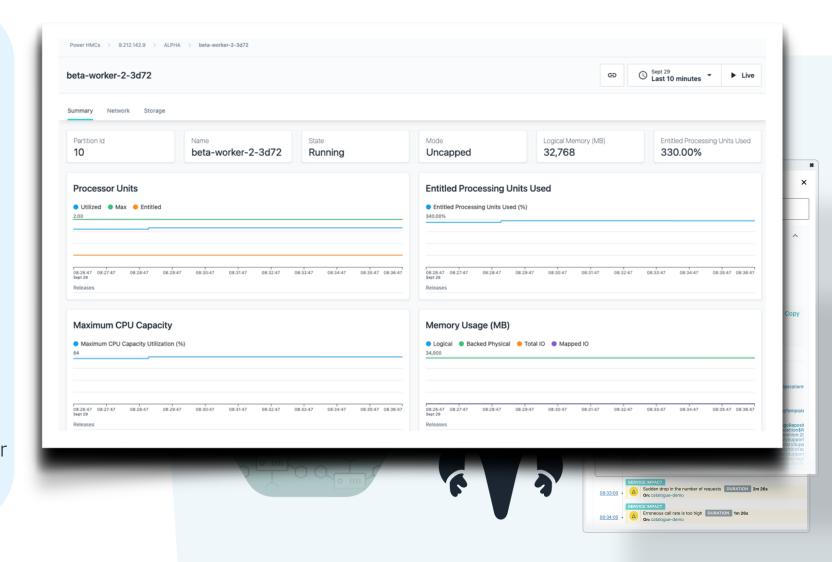
Observability for IBM Power: Host Energy Consumption

- Monitor Power Infrastructure:
 - AIX and Linux LPARs
 - IBM i
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 - VIOS
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- Cloud Native
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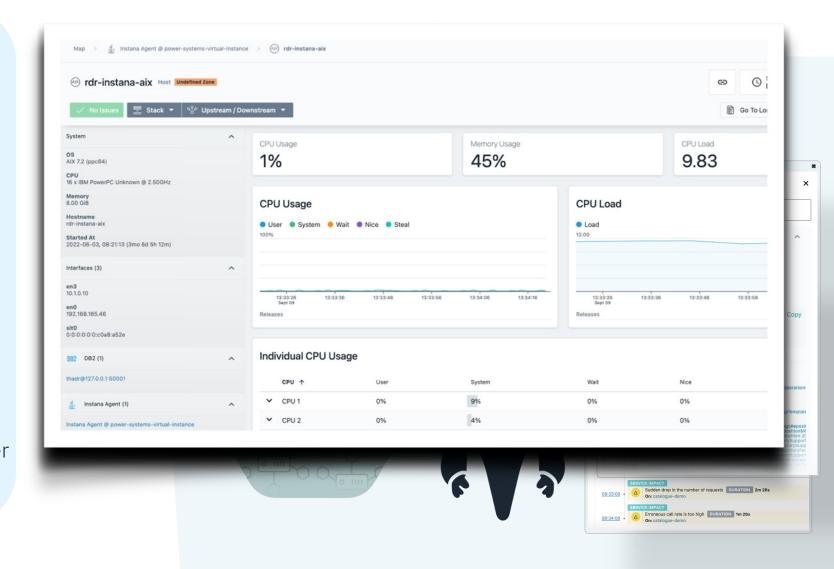
Observability for IBM Power: VM (LPAR)

- Monitor Power Infrastructure:
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 - Middleware on AIX/Linux on Power



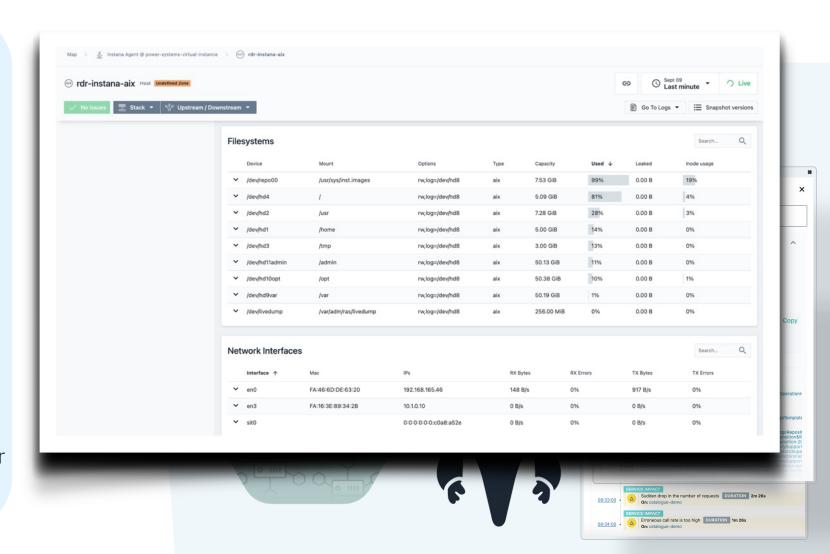
Observability for IBM Power: AIX VM

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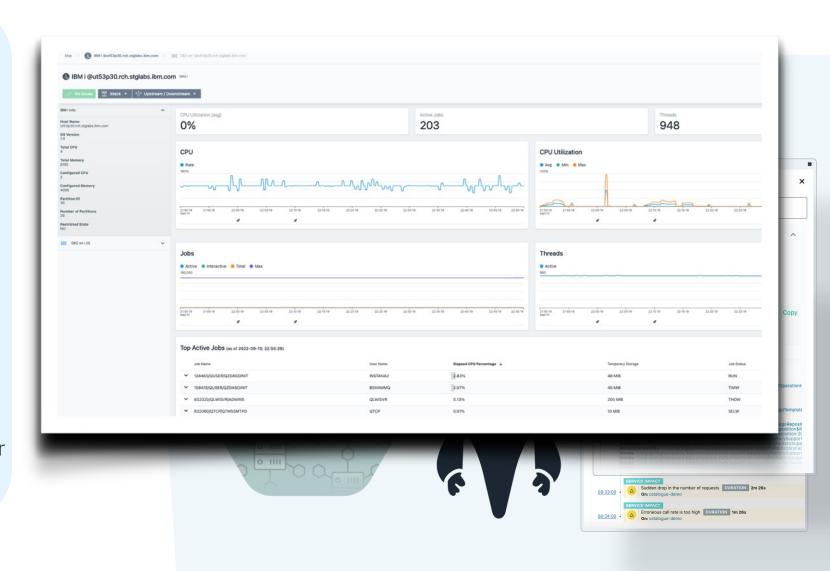
Observability for IBM Power: AIX VM

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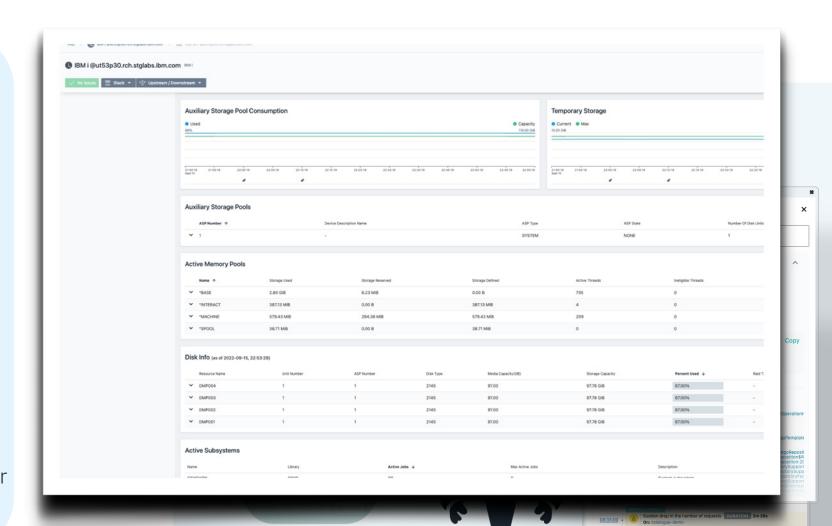
Observability for IBM Power: IBM I

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Observability for IBM Power: IBM I

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Erroneous call rate is too high DURATION 1m 26s

Observability for IBM Power: OpenShift

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