



Connect

# Unlock your Red Hat Innovation with AI-powered observability, security and automation with Dynatrace

Alessandro Amorini, *Sr. Manager, Solution Engineering*, Dynatrace



# Who we are



## Our mission

We deliver answers  
and intelligent  
automation from data.



## Our purpose

To enable flawless and  
secure digital interactions.

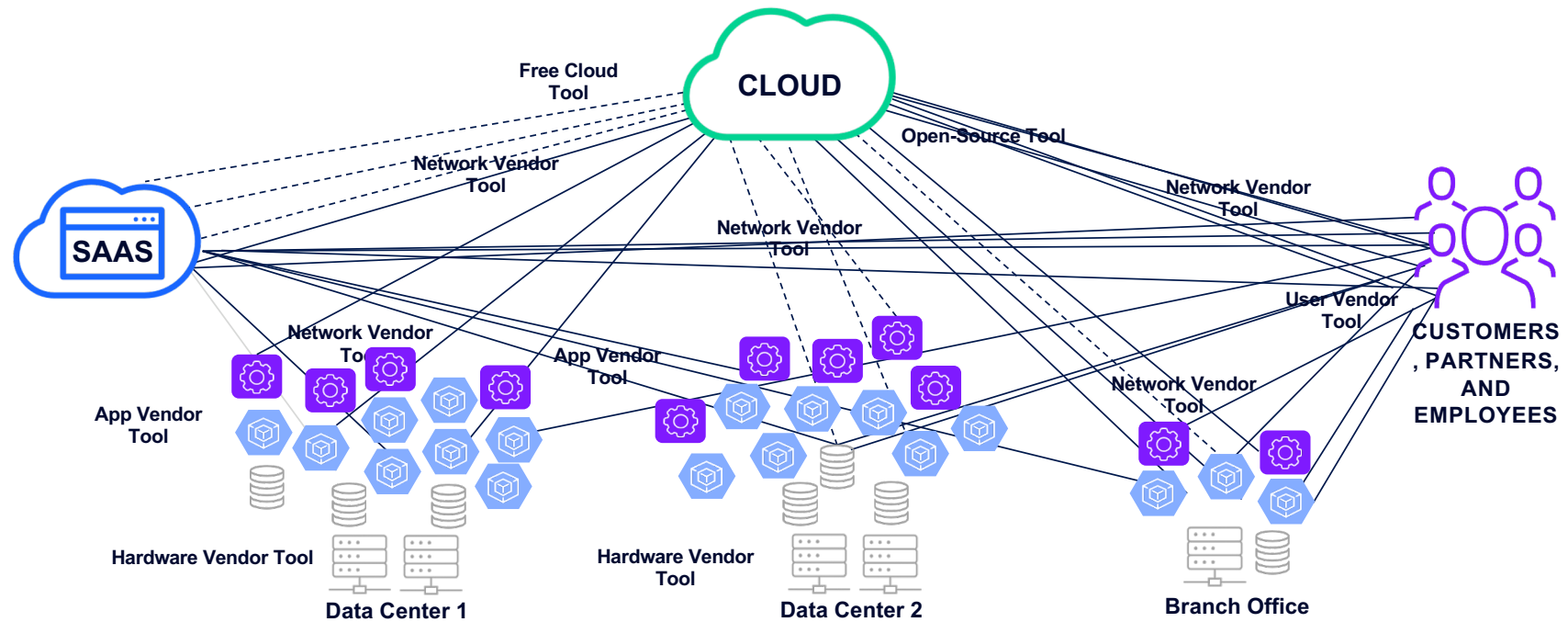


## Our vision

A world where software  
works perfectly.



# What we do



Siloed  
Information

Manual root  
cause analysis

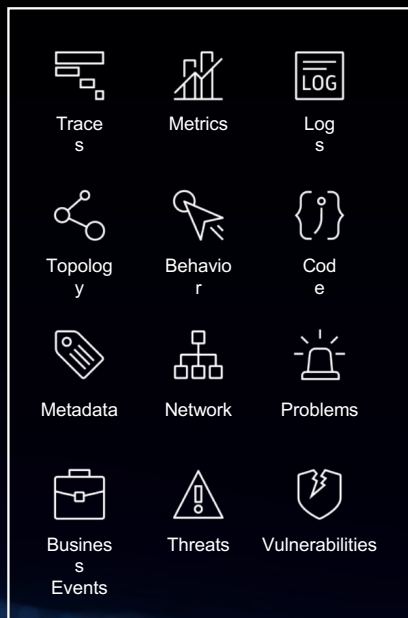
Poor end user  
experience

High risk and  
missed SLO/SLA  
cost

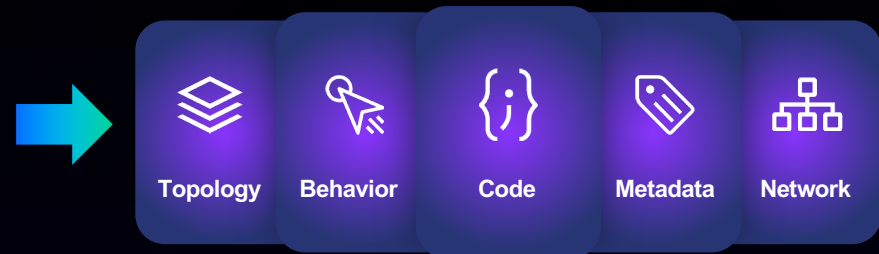
Low  
productivity  
amongst teams

# Dynatrace Platform approach to Observability

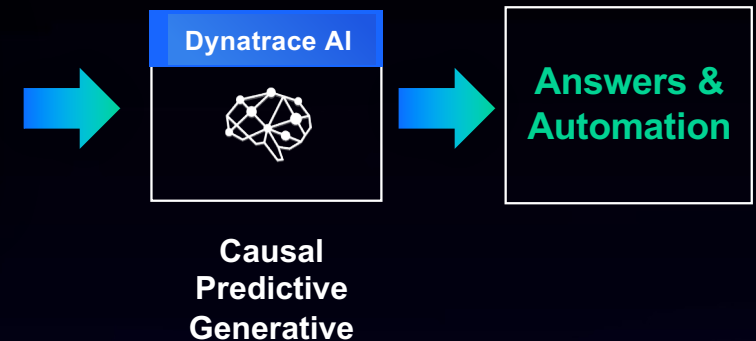
**Any Data**



**Automatically add rich contextual data**

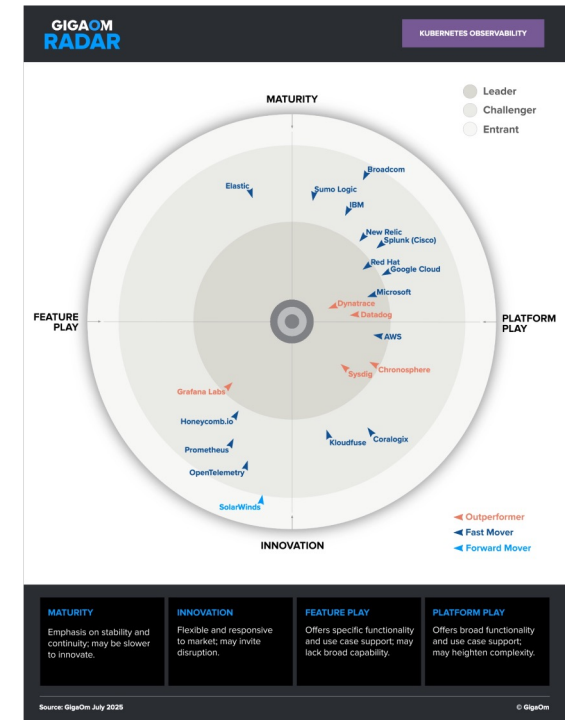


**AI and analytics at scale with enterprise platform**



# What the analysts say

- Positioned highest in both **Ability to Execute** and **Completeness of Vision** in the Gartner 2025 Magic Quadrant™
- Dynatrace ranked #1 in 4 of 5 use cases in 2025 Gartner® Critical Capabilities for Observability Platforms report
- Only vendor named a leader in every Gartner MQ (15 consecutive years!)
- Named a leader in the 2025 GigaOm Radar for Cloud Observability Solutions report.



Gartner

<sup>1</sup> Gartner, Magic Quadrant for Application Performance Monitoring and Observability, By Gregg Siegfried, Matt Crossley, Padraig Byrne, Andre Bridges, Martin Caren, 7 July 2025.

<sup>2</sup> Gartner, Critical Capabilities for Observability Platforms, Matt Crossley, Gregg Siegfried, 8 July 2025



# What's top of mind - How do I ensure ...

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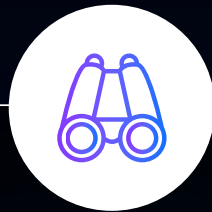
- End user experience?
- Infrastructure Health, Costs, Capacity?
- Compliance?
- Code level debugging for triage?
- Time to innovate?







AIOps



Observability for AI  
workloads

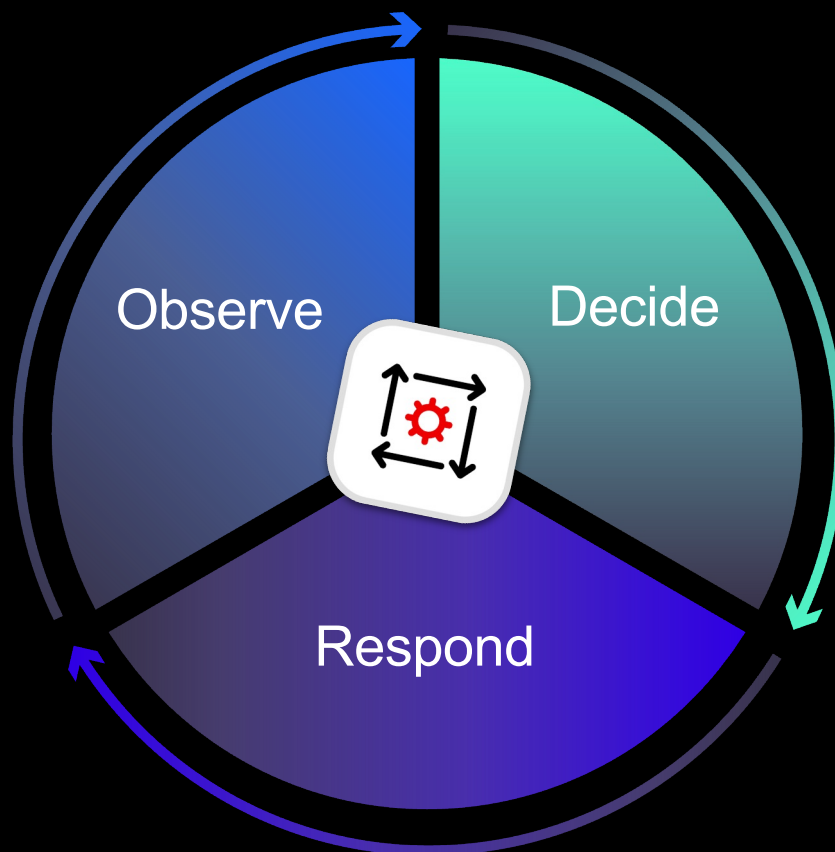


Security and  
Compliance

# AIOps - Red Hat Ansible Automation Platform



- > Continuous, End-2-End, SLOs
- > Automatic impact & root cause
- > Shorter MTI



- > Prioritization
- > Trigger required workflow
- > Routed for remediation



**Red Hat**  
Ansible Automation  
Platform

- > Automated resolution triggered
- > Remediation action completed
- > Shorter MTTR



# Observability for AI workloads

Application layer



Orchestration layer



Semantic vector DB layer



Model/agent layer



Infrastructure layer



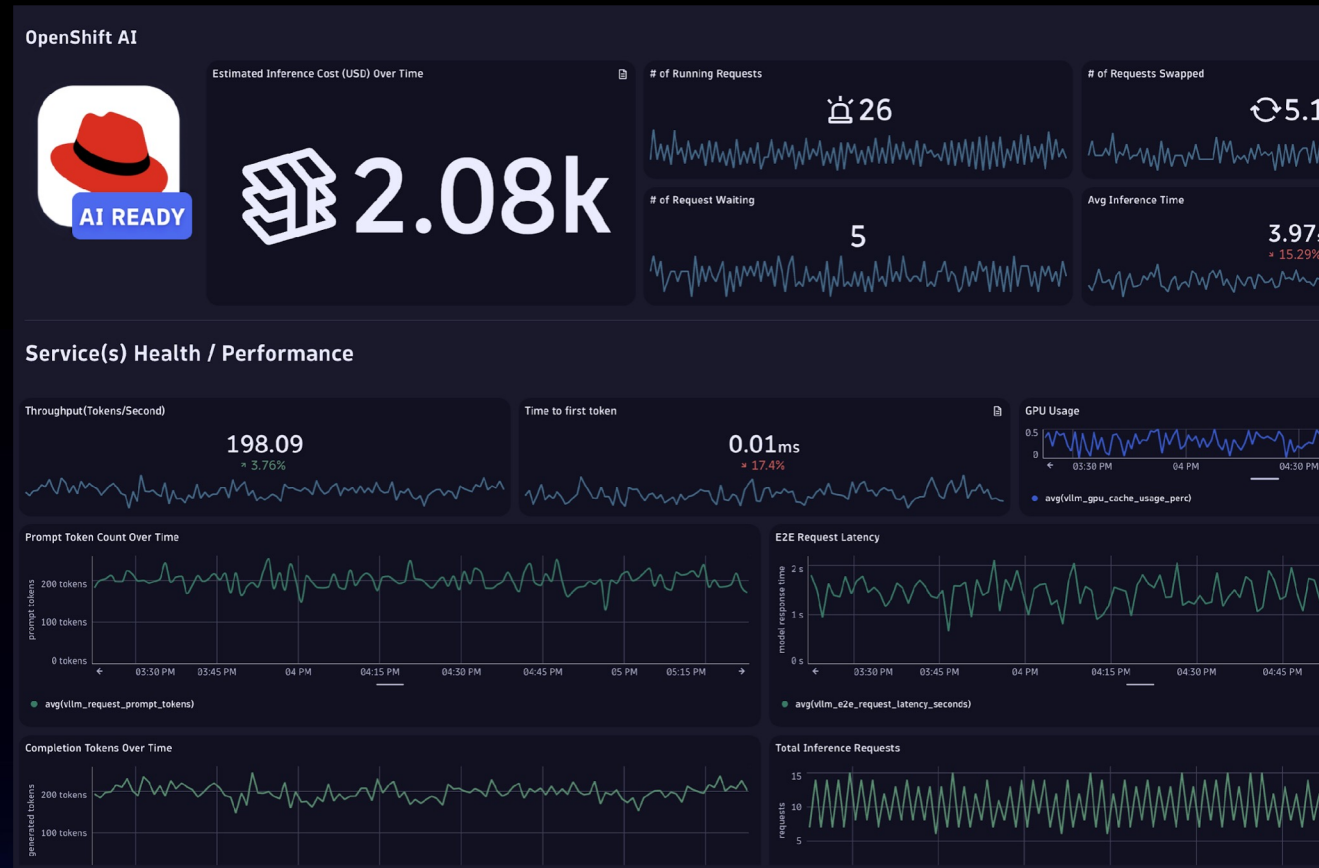
 dynatrace  
**40+**  
integrations



**Red Hat**  
OpenShift AI

# Reduce cost + improve performance of the AI and LLM stack

- Token-Level Metrics
- Inference Latency
- GPU Utilization
- Throughput and Queueing
- Failure Modes
- Output Quality and Safety



# End to End Tracing

**Distributed Tracing Explorer**

Service: bedrock-travel-advisor | Last 7 days | Refresh

### Requests

13 records | Search | Open with | Group by: ... | 150 columns hidden

Start time	Endpoint	Service	Response time	Request status	HTTP status	Span source	Process group	Kubernetes workload	Kubernetes namespace
Jan 16, 10:53:05.562	/api/v1/completion	bedrock-travel-advisor	12.50 s	Success		OpenTelemetry			
Jan 16, 10:41:19.437	/api/v1/completion	bedrock-travel-advisor	8.91 min	Failure		OpenTelemetry			
Jan 15, 17:27:16.756	/api/v1/completion	bedrock-travel-advisor	11.20 s	Success		OpenTelemetry			
Jan 15, 17:26:16.673	/api/v1/completion	bedrock-travel-advisor	12.75 s	Success		OpenTelemetry			
Jan 15, 17:24:33.026	/api/v1/completion	bedrock-travel-advisor	20.10 s	Success		OpenTelemetry			
Jan 15, 17:05:58.626	/api/v1/completion	bedrock-travel-advisor	13.30 s	Success		OpenTelemetry			
Jan 15, 17:04:33.446	/api/v1/completion	bedrock-travel-advisor	20.74 s	Failure		OpenTelemetry			

### Trace: /api/v1/completion

Duration: 20.10 s | Response time: 20.10 s | January 15, 2025 at 5:24:33 PM | Service: bedrock-travel-advisor | Trace ID: 5e0c09792981e0c11fdae3e97231e21a

30 spans | Search name, endpoint, service, or attributes

Name	Duration	0.0 ns	5.0 s	10.0 s	15.0 s	20.0 s
/api/v1/completion bedrock-travel-advisor	20.10 s					
AgentExecutor.workflow	19.97 s					
RunnableSequence.task	10.88 s					
valid_city.tool	1.32 s					
RunnableSequence.task	1.66 s					
RunnableAssign-agent_scratchpad>.task	258.49...					
ChatPromptTemplate.task	1.05 ms					
AzureChatOpenAI.chat	870.63...					
JSONAgentOutputParser.task	3.33 ms					
travel_advice.tool	3.31 s					
bedrock.completion	3.16 s					
RunnableSequence.task	2.12 s					
RunnableAssign-agent_scratchpad>.task	282.88...					
ChatPromptTemplate.task	1.12 ms					

### /api/v1/completion

Span: /api/v1/completion | Endpoint: /api/v1/completion | Service: bedrock-travel-advisor | Duration: 20.10 s

Attributes | Logs

Search details | Open with

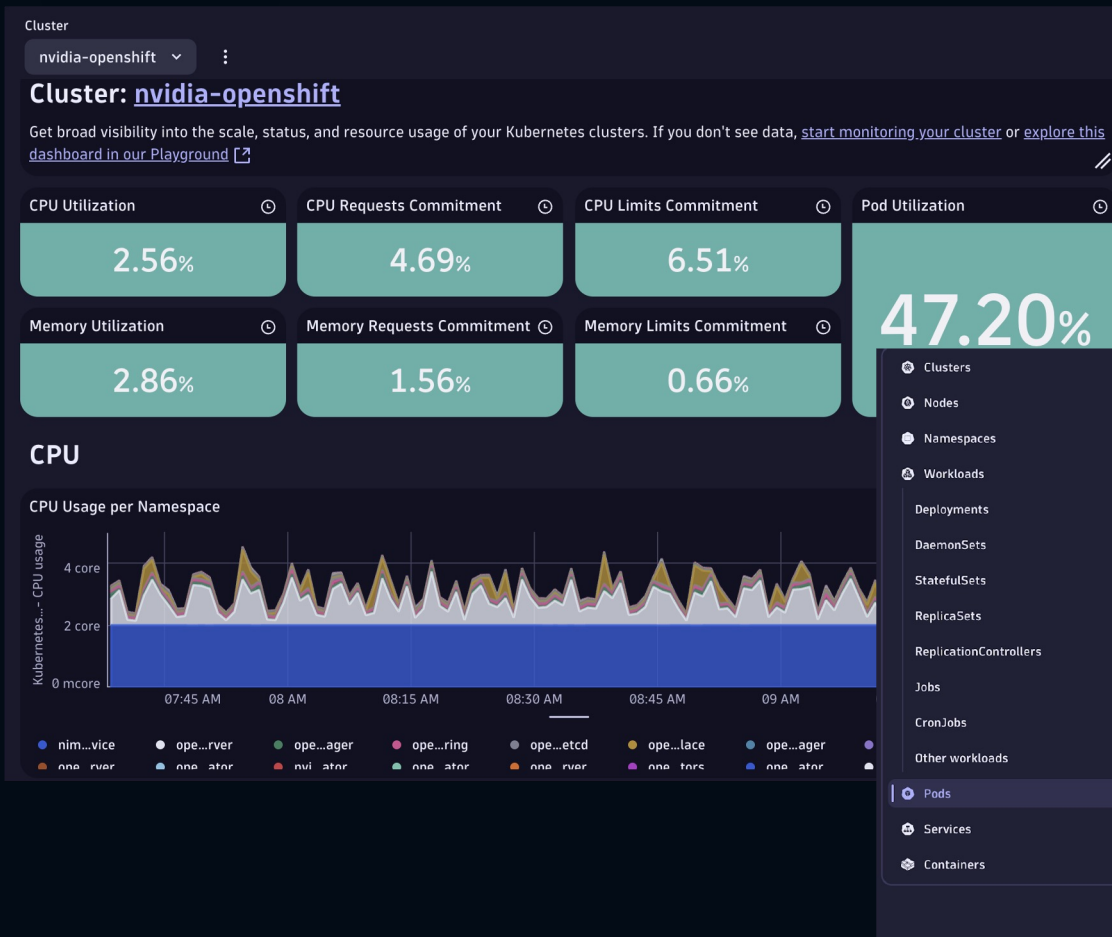
**Core**

Start time	2025-01-15T16:24:33.026261000Z
End time	2025-01-15T16:24:53.123239000Z
Service	bedrock-travel-advisor
Endpoint	/api/v1/completion
Request is root span	true
Request is failed	false
Span name	/api/v1/completion
Span kind	internal
Response time	20.10 s

**Otel**

Otel scope name	bedrock-travel-advisor
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# Simplify OpenShift AI Observability



## OPENSHIFT OBSERVABILITY

- This provides real-time auto-discovery and analysis of OpenShift applications, platform components, and cloud infrastructure – without requiring any code changes.

Pods165

Health

Utilization

Metadata

:

Pod	State	Condi...	Age	Pod warning signals	C
kube-apiserver-operator-68864bb...	Running	Ready	1 w	–	
55eb75c826272affd20fae3ffac334...	Succeeded	Comple...	1 w	–	
prometheus-operator-76c59c5756...	Running	Ready	1 w	–	
argocd-inst-application-controller-0	Running	Ready	1 w	–	
community-operators-8jzpj	Succeeded	Comple...	8 min 19 s	–	
marketplace-operator-58bccf7bcb...	Running	Ready	1 w	–	
cluster-storage-operator-798574f...	Running	Ready	1 w	–	
redhat-marketplace-dv4xg	Succeeded	Comple...	33 min 49 s	–	
etcd-dev-ocp-ra-dynav5-gpu01	Running	Ready	1 w	–	
installer-6-dev-ocp-ra-dynav5-gp...	Succeeded	Comple...	1 w	–	
revision-pruner-8-dev-ocp-ra-dyn...	Succeeded	Comple...	6 d 10 h	–	
network-check-source-88979bdc...	Running	Ready	1 w	–	
revision-pruner-10-dev-ocp-ra-dy...	Succeeded	Comple...	6 d 7 h	–	
cluster-samples-operator-5bbddc5...	Running	Ready	1 w	–	
apiserver-667bf77dd4-cvrt8	Running	Ready	1 w	–	
cloud-credential-operator-7846d9...	Running	Ready	1 w	–	
dynatrace-webhook-58448c9bf8-p...	Running	Ready	3 d 22 h	–	
kube-controller-manager-dev-ocp...	Running	Ready	1 w	–	
nvidia-network-operator-controller...	Running	Ready	1 w	–	



# Security

- Runtime Application Protection
- "Davis" AI-assisted prioritization
- DevSecOps automation
- Security Analytics

The screenshot displays the Davis Security Platform interface, which is a comprehensive security analytics and automation tool. The interface is divided into several sections:

- Vulnerabilities (Preview):** Shows a list of vulnerabilities, including a "Prototype Pollution" vulnerability (SNYK-35-100ASH-567746) last detected on Jun 24, 05:05.
- Attacks:** Provides an overview of all attacks to the environment in real time.
- Vulnerability Reporting & Escalation:** A workflow-based interface for managing vulnerabilities, including an "Event trigger" section for running workflows based on custom event filters.
- Security Investigator:** A central tool for investigating security events. It includes a query editor with a JSON-based query for fetching logs, a table of results, and a sidebar with various actions like "Filter", "Inspect", "Add command to query", "Filter out", "Extract fields", "Evidence", "Add to safe IPs", "Add to suspicious IPs", and "Add to custom IPs".
- Query tree:** A visual representation of the query logic used in the Security Investigator.
- Evidence:** A section for managing and viewing evidence related to security incidents.
- Notes:** A section for adding and viewing notes related to security incidents.

The interface is designed to be user-friendly and efficient, with a clean layout and clear navigation options. The "Security Investigator" section is the primary focus, showing a detailed view of a security event and the tools available for its investigation.

# What's top of mind - How do I ensure ...

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End user experience

Infrastructure Health, Costs, Capacity

Compliance

Code level debugging for triage

Time to innovate





# Empowering IT with Dynatrace and Red Hat

Continue the conversation at our table  
for Q&A and demos

Wednesday: May 21

11:15 AM – 12:15 PM

Room 257A (Level 2)

Red Hat  
**Summit**

Connect

# Grazie



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