CISCO Connect

# Digital Resilience in the AI Era

## Building a secure and trusted agentic enterprise

Katie Chunn
Observability Strategist




September 30, 2026

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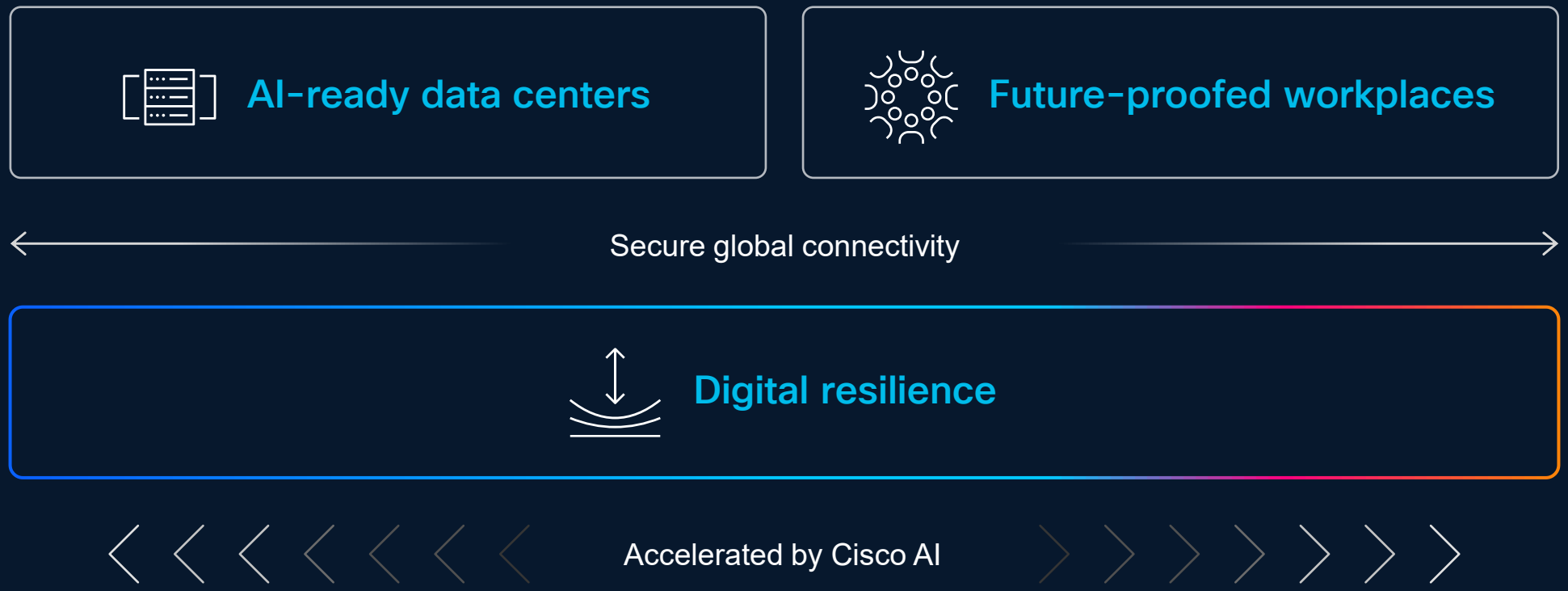
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# Digital resilience must evolve




Data volumes and costs exploding



Threats moving at machine speed



AI visibility and trust deficit

# Splunk is the intelligence layer that powers agentic operations

Unlock cross-domain insights at massive scale

Predict and prevent at machine speed

Build trust in AI with end-to-end visibility

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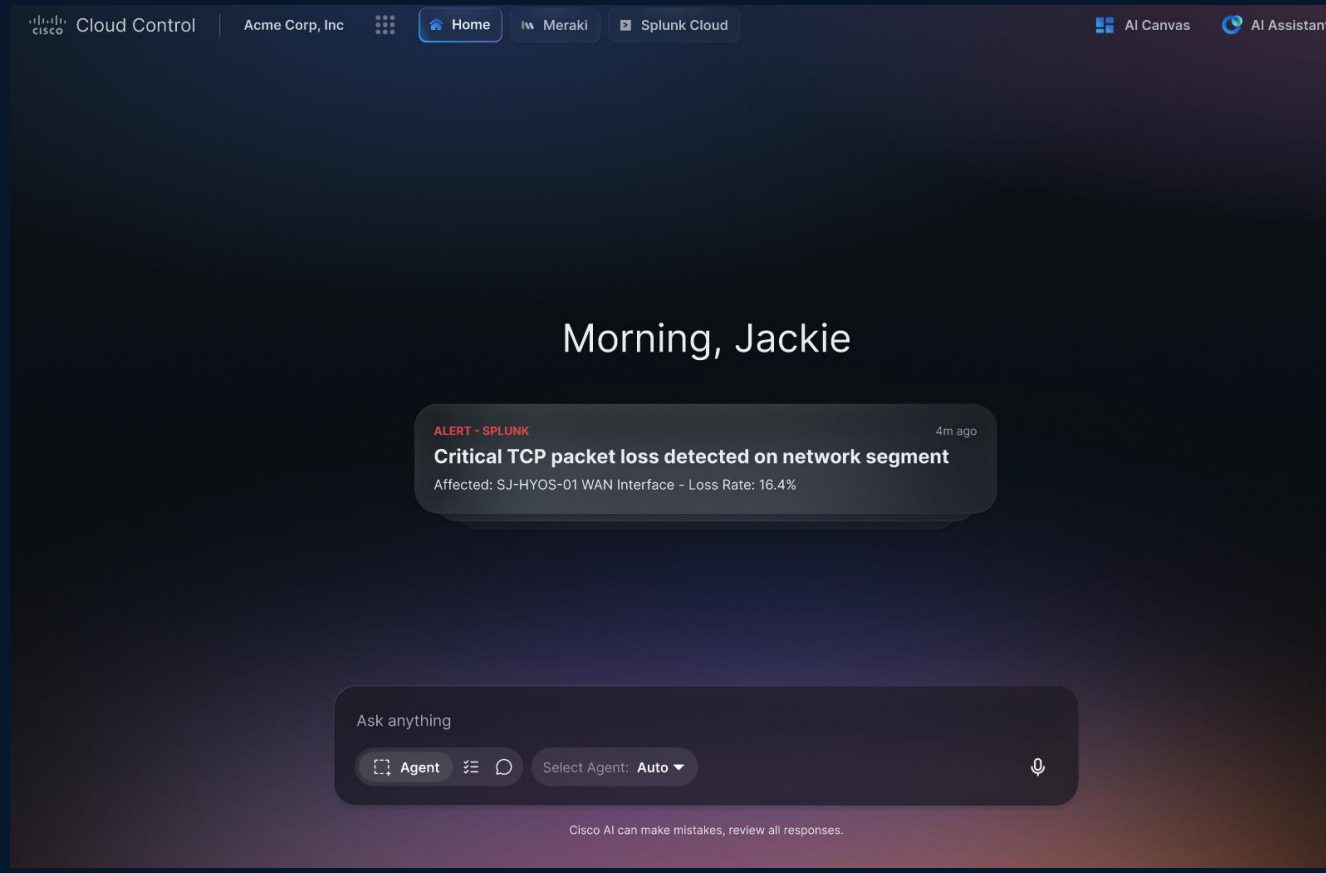
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# Bringing it all together with Cisco Cloud Control Integration

CA NOW

- Access all operations from single point of entry
- Detect issues, correlate across domains, and get recommended actions
- Unify data, identity, and governance for operators and AI agents




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# Cisco Data Fabric powered by the Splunk Platform

## The System of Record and Intelligence Layer of the Agentic Enterprise

### Data

Unify Data at Scale
for Faster, Safer AI

- Manage data at petabyte scale
- Land all data economically
- Tier data by use case

### Context

Fuel Intelligence with
Contextualized Machine Data

- Catalog your enterprise
- Correlate relationships
- Surface insights

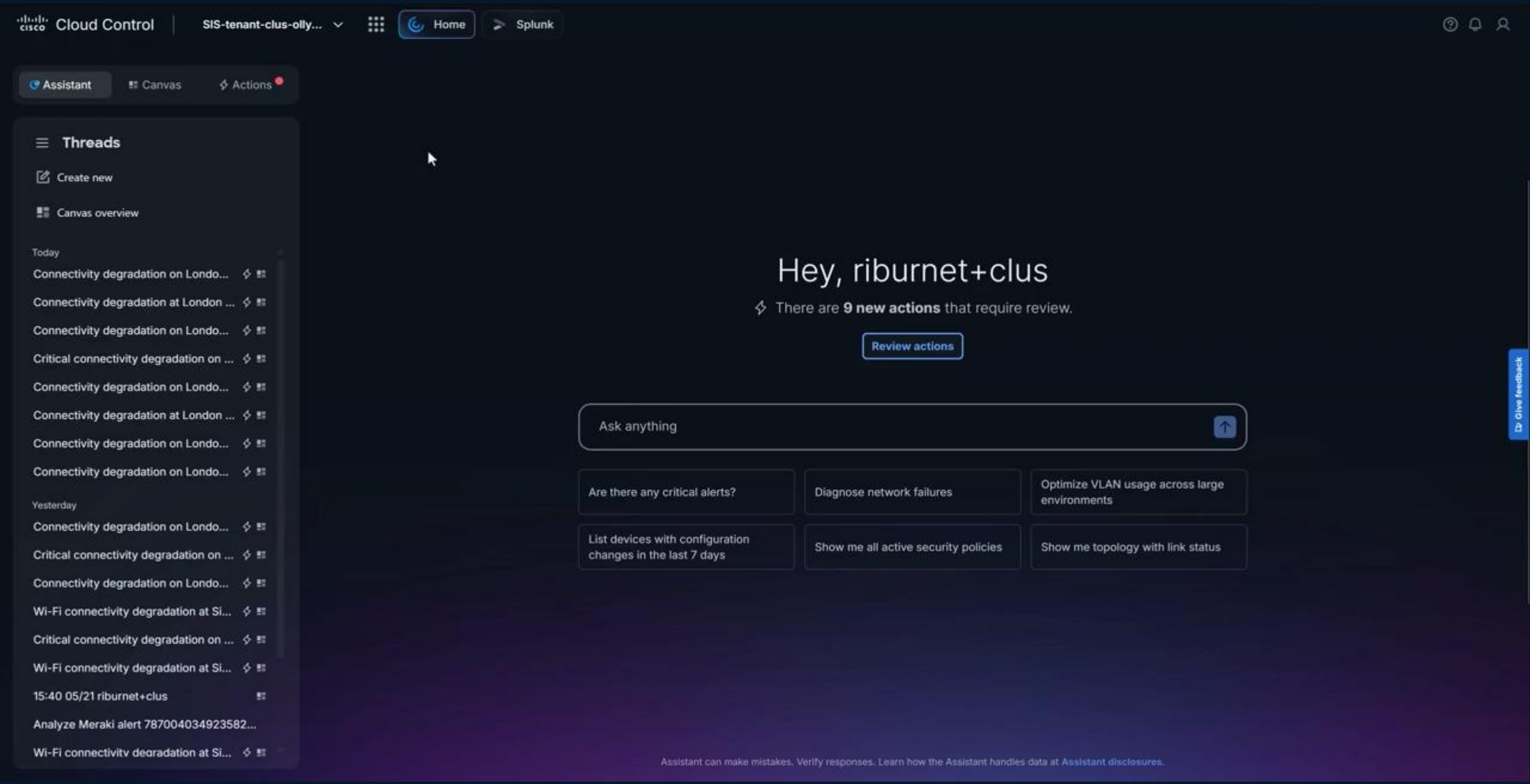
### Action

Activate the Agentic Enterprise to
Move From Reactive to Predictive

- Deploy agentic operations
- Connect your agents
- Build proprietary AI



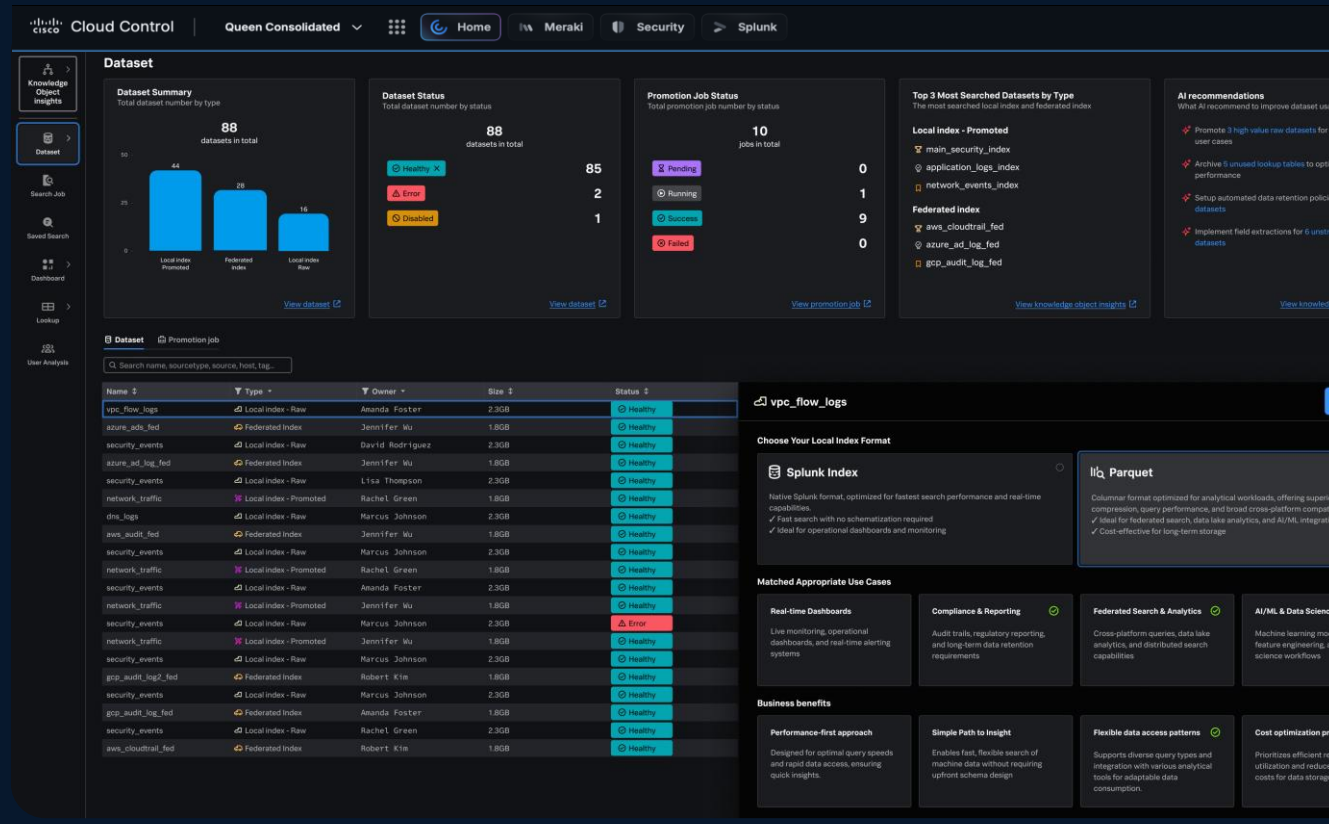

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Cloud Control
SIS-tenant-clus-olly...
Home
Splunk
Assistant
Canvas
Actions
Threads
Create new
Canvas overview
Today
Connectivity degradation on Londo...
Connectivity degradation at London ...
Connectivity degradation on Londo...
Critical connectivity degradation on ...
Connectivity degradation on Londo...
Connectivity degradation at London ...
Connectivity degradation on Londo...
Connectivity degradation on Londo...
Yesterday
Connectivity degradation on Londo...
Critical connectivity degradation on ...
Connectivity degradation on Londo...
Wi-Fi connectivity degradation at Si...
Critical connectivity degradation on ...
Wi-Fi connectivity degradation at Si...
15:40 05/21 riburnet+clus
Analyze Meraki alert 787004034923582...
Wi-Fi connectivity degradation at Si...
Hey, riburnet+clus
There are 9 new actions that require review.
Review actions
Ask anything
Are there any critical alerts?
Diagnose network failures
Optimize VLAN usage across large environments
List devices with configuration changes in the last 7 days
Show me all active security policies
Show me topology with link status
Give feedback
Assistant can make mistakes. Verify responses. Learn how the Assistant handles data at Assistant disclosures.

# Not just another lake
# Splunk Machine Data Lake

GA JULY 2026

- Deliver cost-effective turnkey access to machine data at scale
- Accelerate search and analytics with selective data indexing
- Power agent-ready intelligence with trusted telemetry




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# Access your data wherever it lives with Federated Search

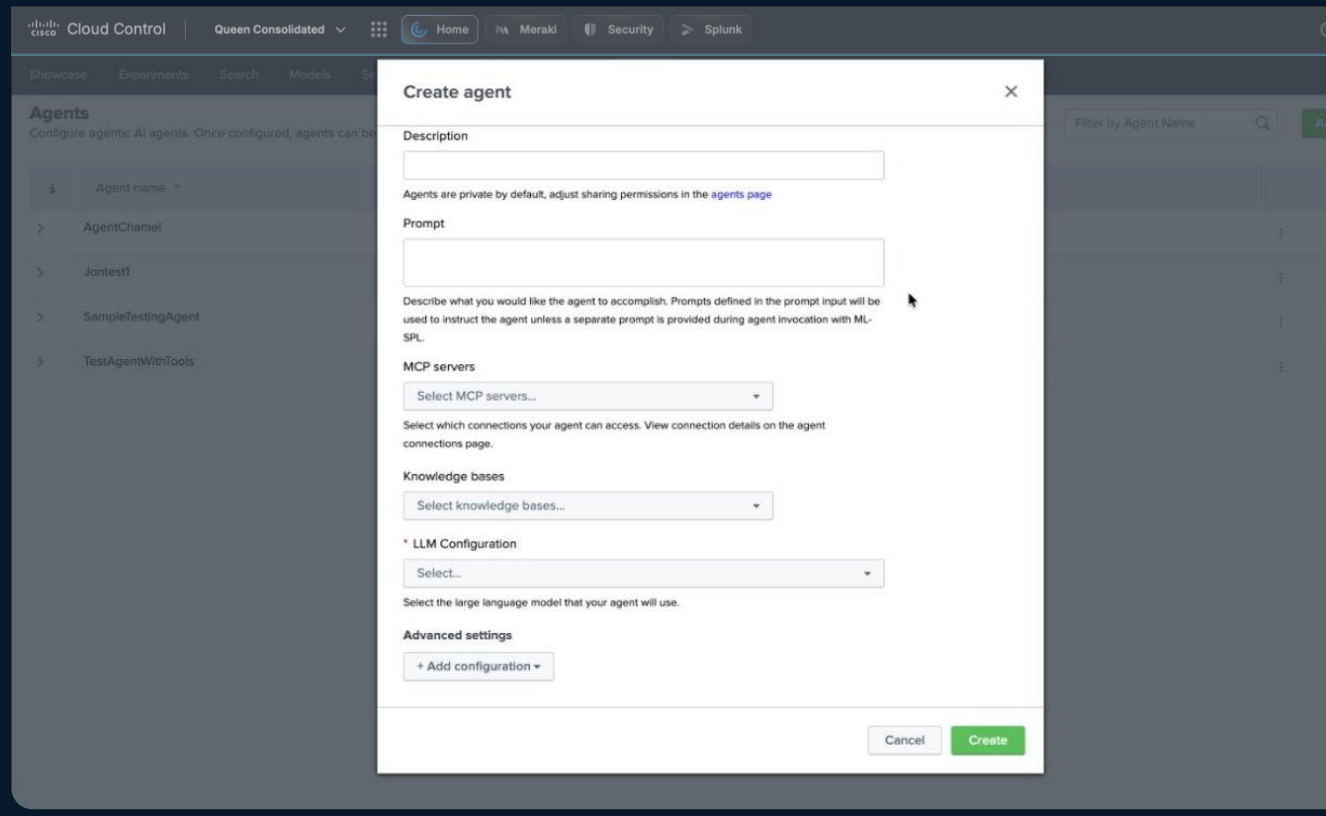



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# Simplify investigation and troubleshooting with AI Toolkit Agent Builder

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- Dramatically improve productivity by automating repetitive jobs
- Empower teams of all technical skill levels – no coding required
- Connect to any MCP server or use our prebuilt MCP connections




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# Splunk is the intelligence layer that powers agentic operations

Unlock cross-domain insights at massive scale

Predict and prevent at machine speed

Build trust in AI with end-to-end visibility

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# Agentic SOC



AI Suggested Disposition

True Positive
Benign Positive
False Positive

Build a playbook to isolate a host with EDR

To do this we will first need to get additional context of the suspicious host with a custom code block and then isolate the host with an action block.

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# Splunk Enterprise Security




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Data Management & Federation SIEM | SOAR

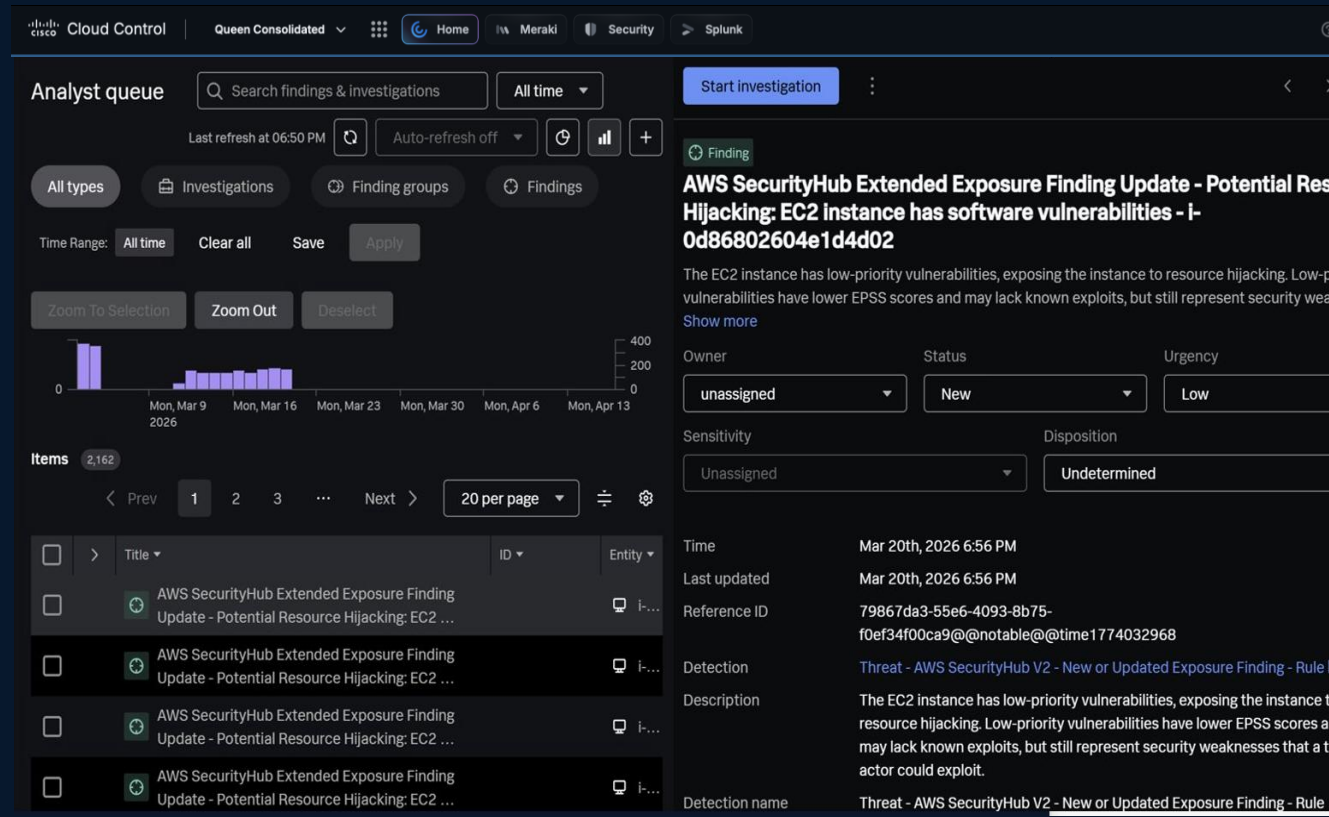
Data Onboarding | Data Tiering | Scalable Index & Search | Pipeline Management | Federated Search | Federated Analytics


Enterprise Security
Premier Edition
SIEM
Threat Intelligence
UEBA
SOAR
Automated Threat Analysis
Detection Studio
Exposure Analytics

# Simplifying security with Splunk ES for AWS Security Hub Extended

GA NOW

- Disrupt attacks early with a unified security platform
- Enable more comprehensive threat detection and improve incident response
- Streamline compliance reporting




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# Security AI Agents built to detect and respond at machine speed

Detection Builder Agent



SOP Agent



Malware Reversing Agent



Triage Agent



Guided Response/ Automation Builder Agents

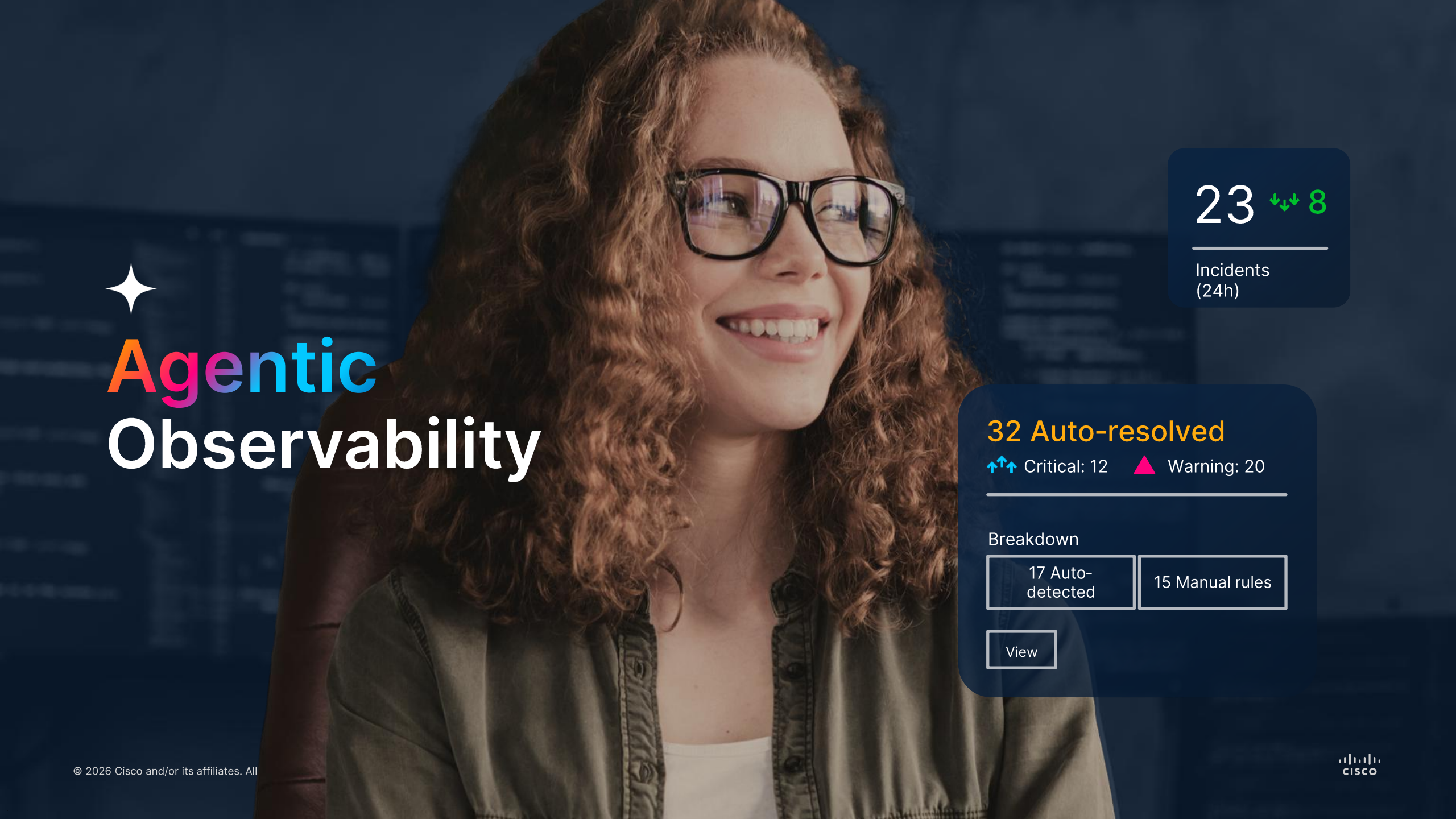


SPEED

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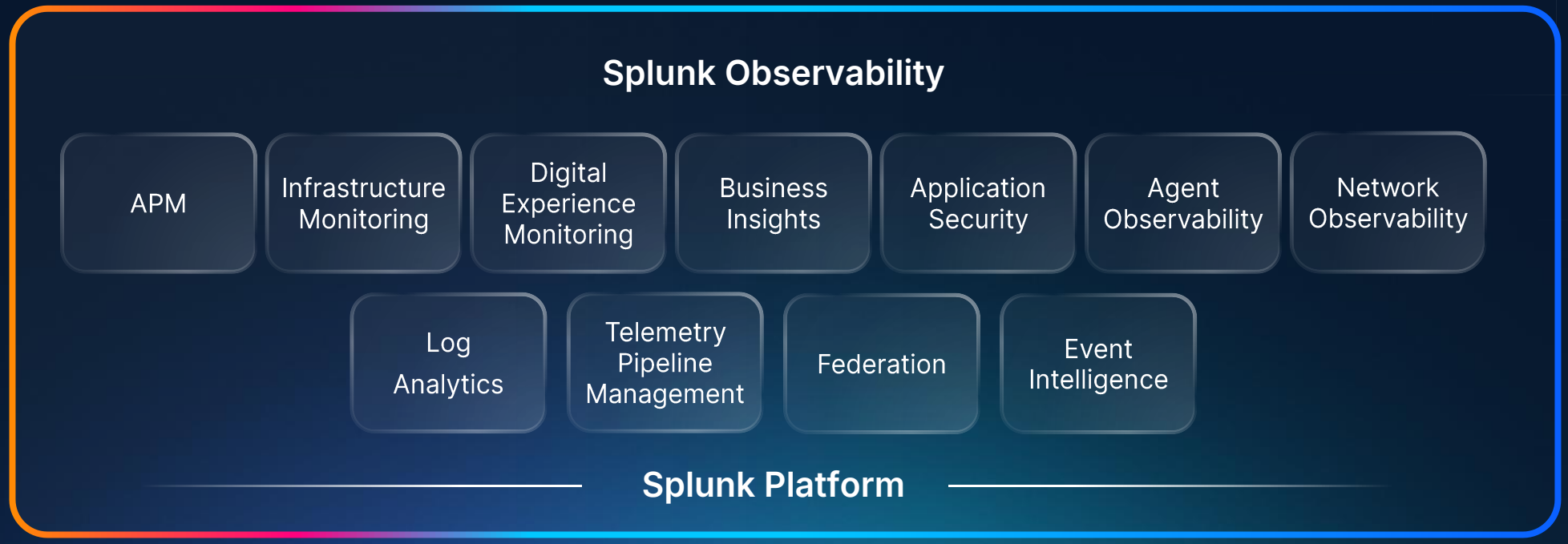
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# Agentic Observability




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# Build a leading observability practice in the AI era with Splunk

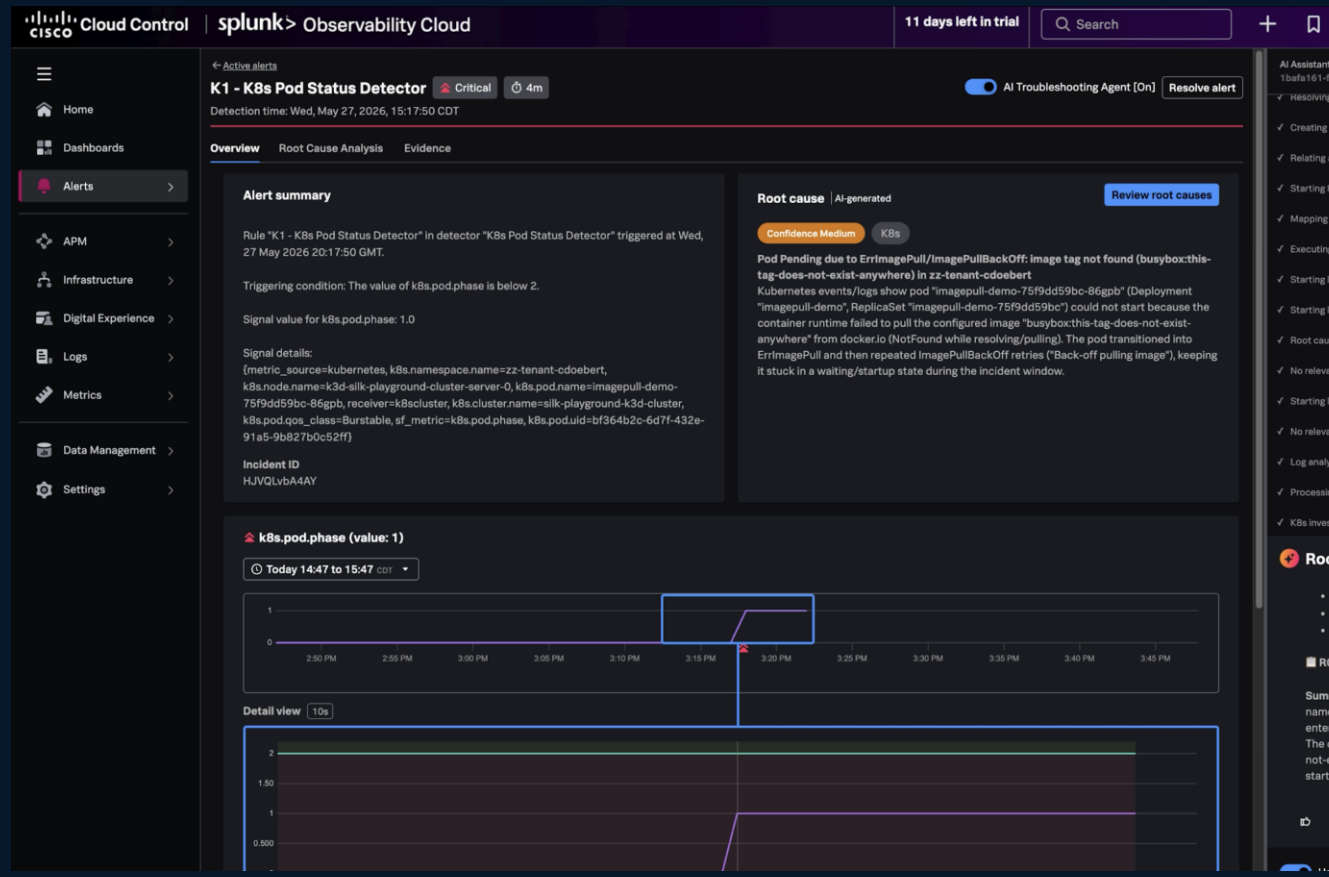



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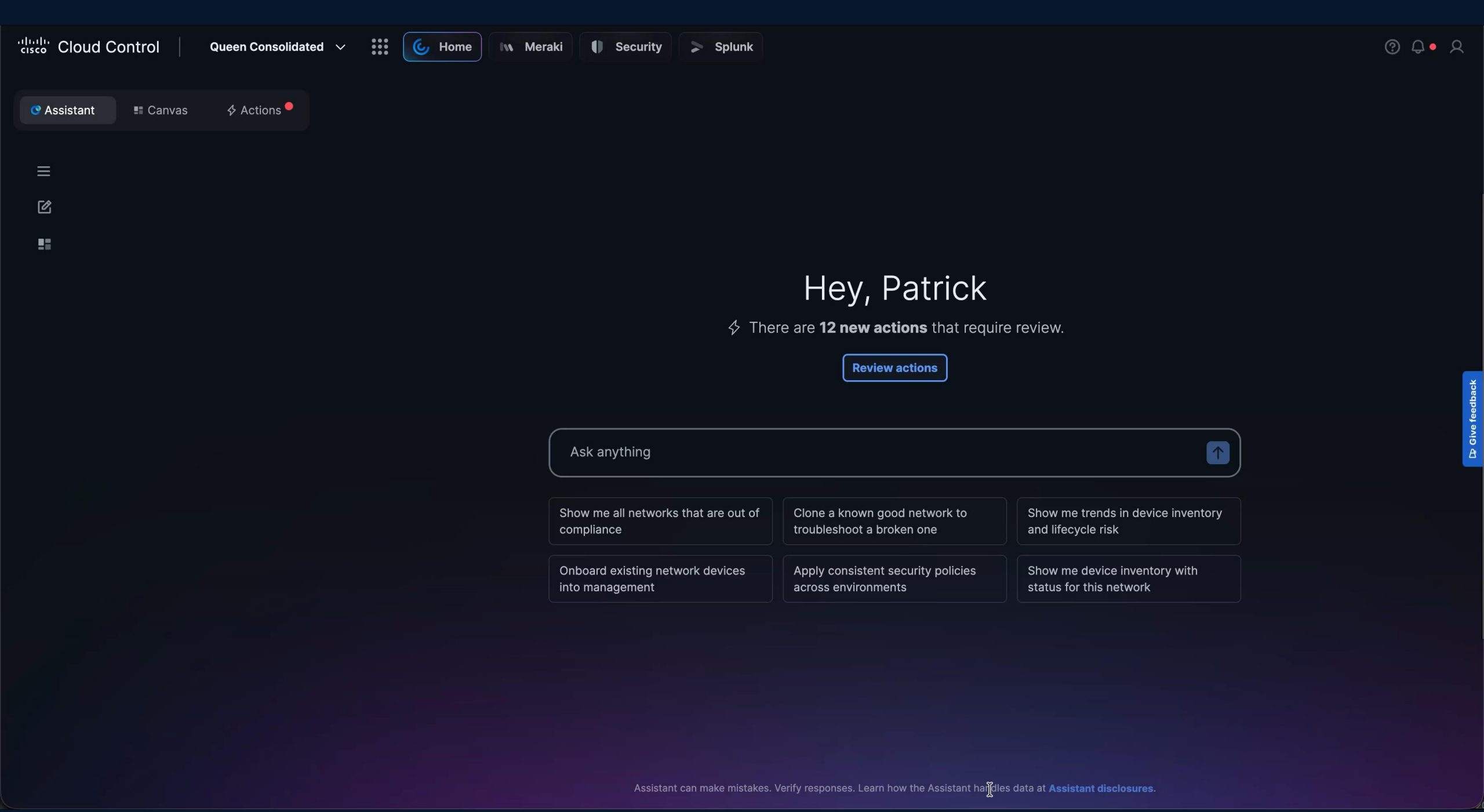
# Agentic AI for incident response and remediation with AI SRE in Observability Cloud

GA NOW

- Faster detection & troubleshooting
- Reduce MTTR with AI-driven remediation
- Focus on what matters most




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Cloud Control
Queen Consolidated
Home
Meraki
Security
Splunk
Assistant
Canvas
Actions
Hey, Patrick
There are 12 new actions that require review.
Review actions
Ask anything
Show me all networks that are out of compliance
Clone a known good network to troubleshoot a broken one
Show me trends in device inventory and lifecycle risk
Onboard existing network devices into management
Apply consistent security policies across environments
Show me device inventory with status for this network
Give feedback
Assistant can make mistakes. Verify responses. Learn how the Assistant handles data at Assistant disclosures.

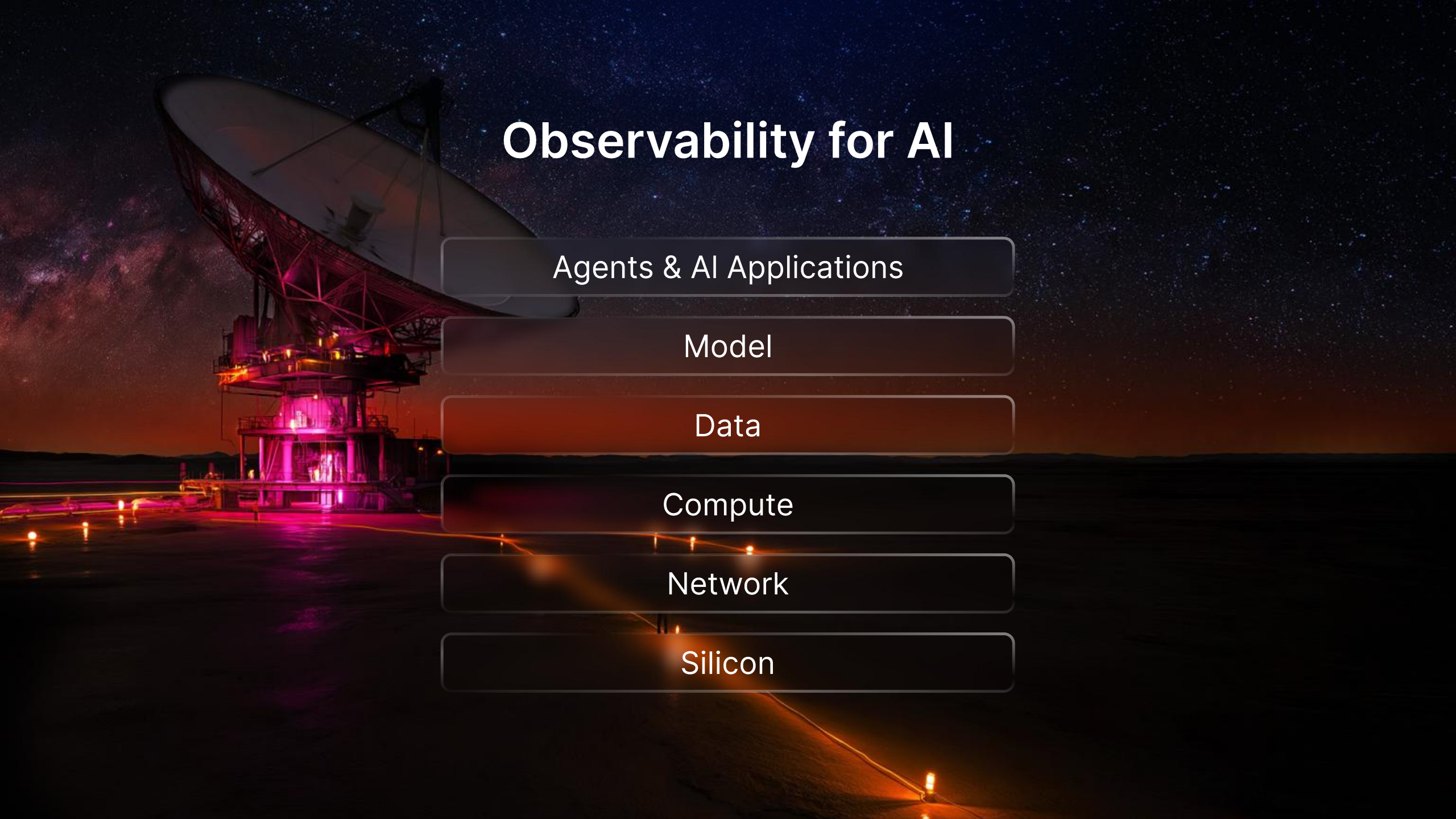
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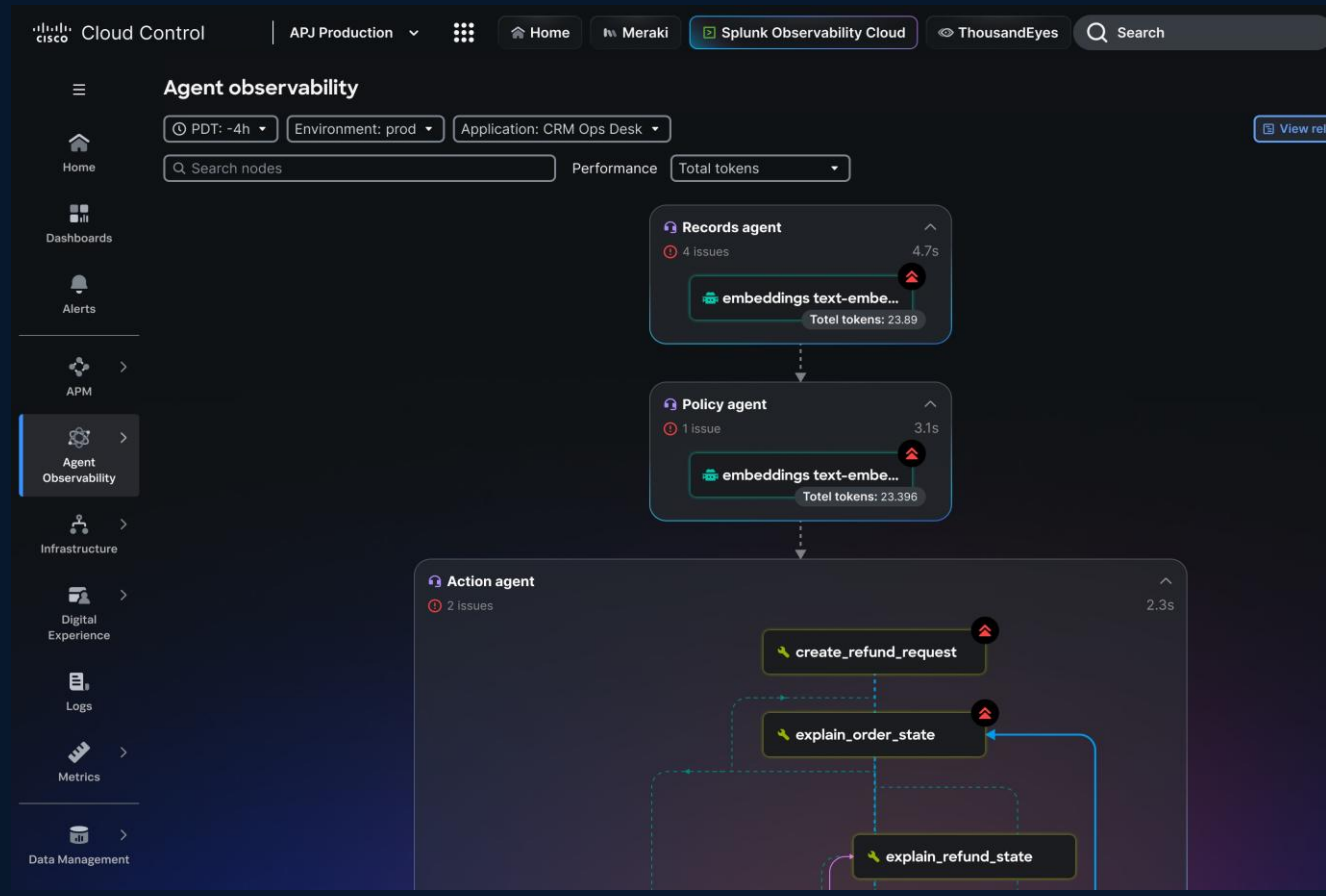
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Observability for AI
Agents & AI Applications
Model
Data
Compute
Network
Silicon

# Observability for the agent lifecycle
# Splunk Agent Observability powered by Galileo

GA AUGUST 2026

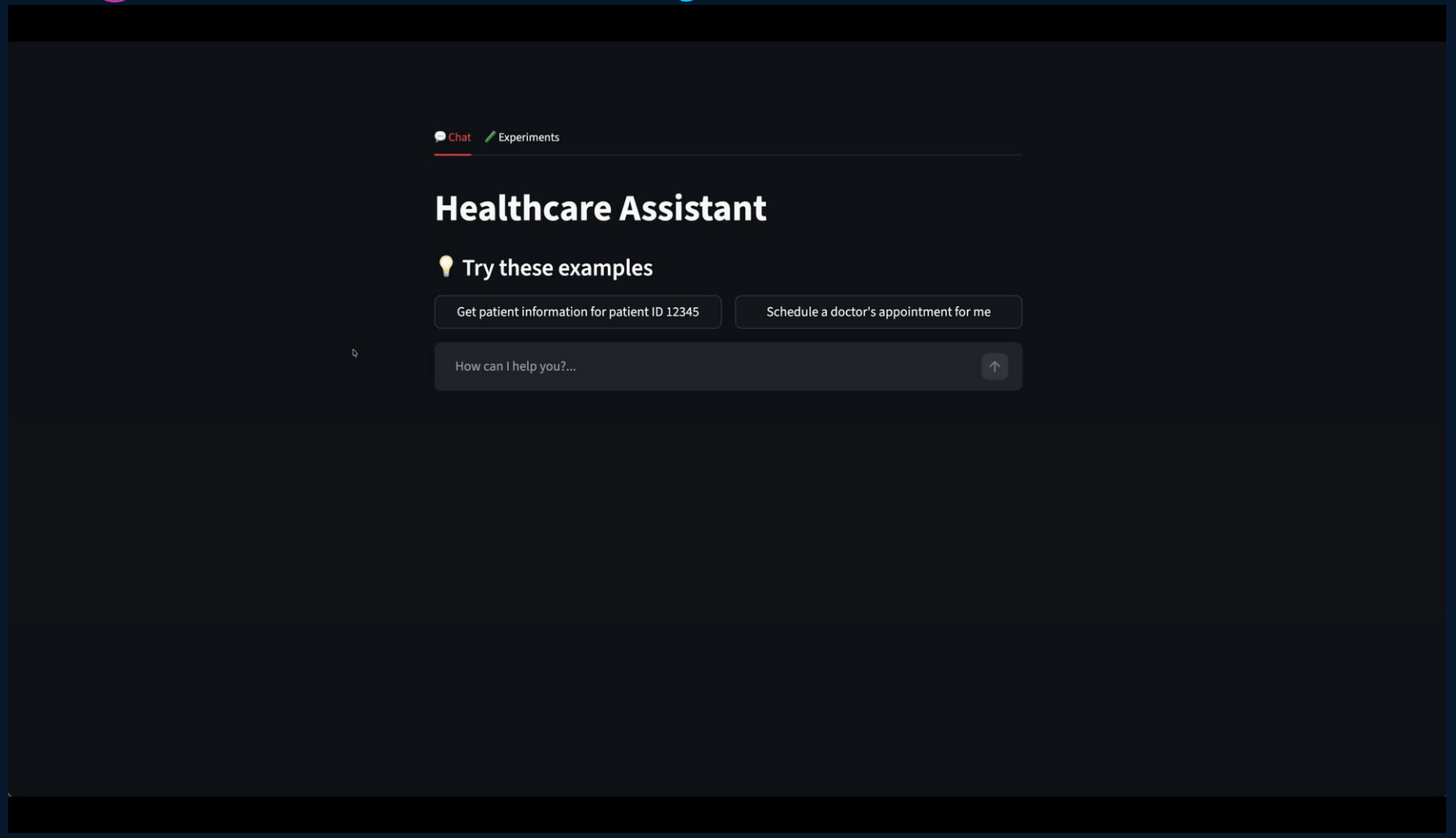
- Evaluate agent, output, and RAG quality with high-accuracy evals and out-of-the-box and custom metrics
- See the root cause of errors in complex multi-agent workflows
- Leverage Luna SLMs for real-time guardrails, block hallucinations, prompt injections and safety violations




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# Splunk Agent Observability

DEMO




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Built for what comes next

# Thank you




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