

The background is a vibrant, abstract composition of numerous colorful rays and shapes radiating from a central point. The colors include dark blue, light blue, green, yellow, orange, and red. Some shapes are solid, while others have white circular cutouts. The overall effect is dynamic and energetic.

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The bridge to possible

Automate Correlation of your Applications to your Digital Experience and Business in the Cloud with Cisco AppDynamics

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@ShreyParekh
BRKAPP-1004



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Agenda

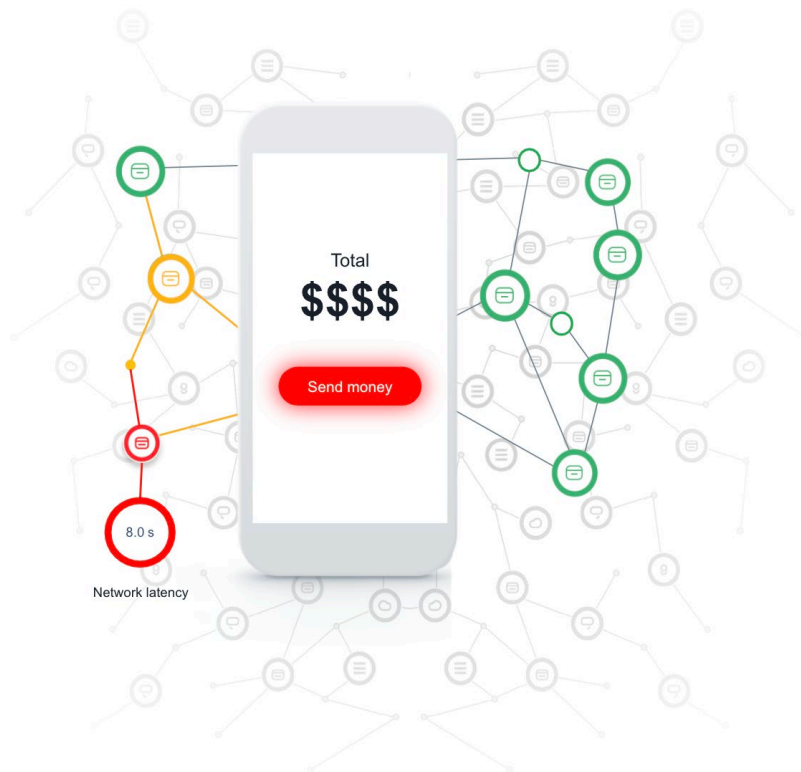
- Application Complexity is Exploding
- Visibility for Today's Modern Cloud Environments
- Cloud Native and Observability
- Cisco AppDynamics Advantage

Application Complexity is Exploding



Complexity is exploding, cloud costs are spiraling

- Distributed services and systems cause a loss of control across hybrid and cloud native deployments
- Cloud costs are growing with increased usage and investments





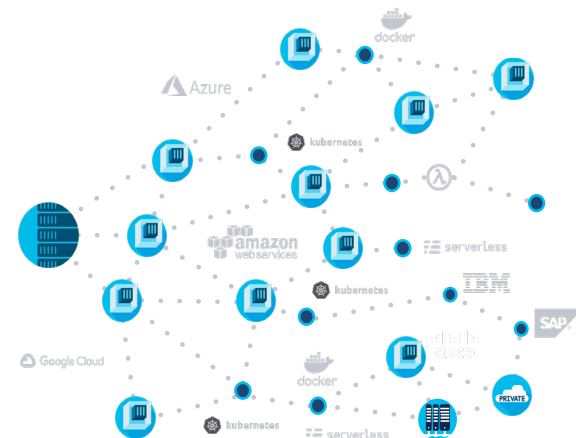
Focused on
Stacks &
Workloads

App Team

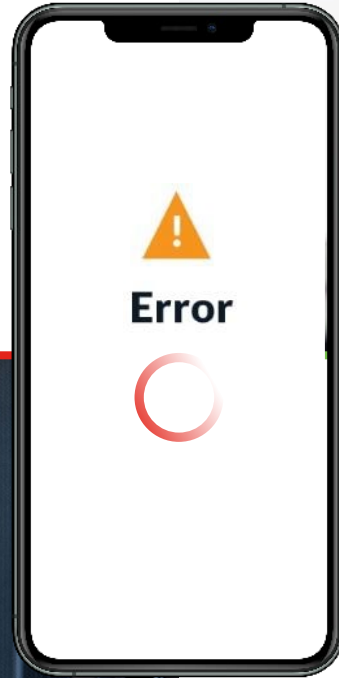


Infra Team

Focused
on app
topologies



No Correlation



No single
source of truth

Visibility for Today's Modern Cloud Environments

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Cross-Cloud Application Architecture with Dependencies

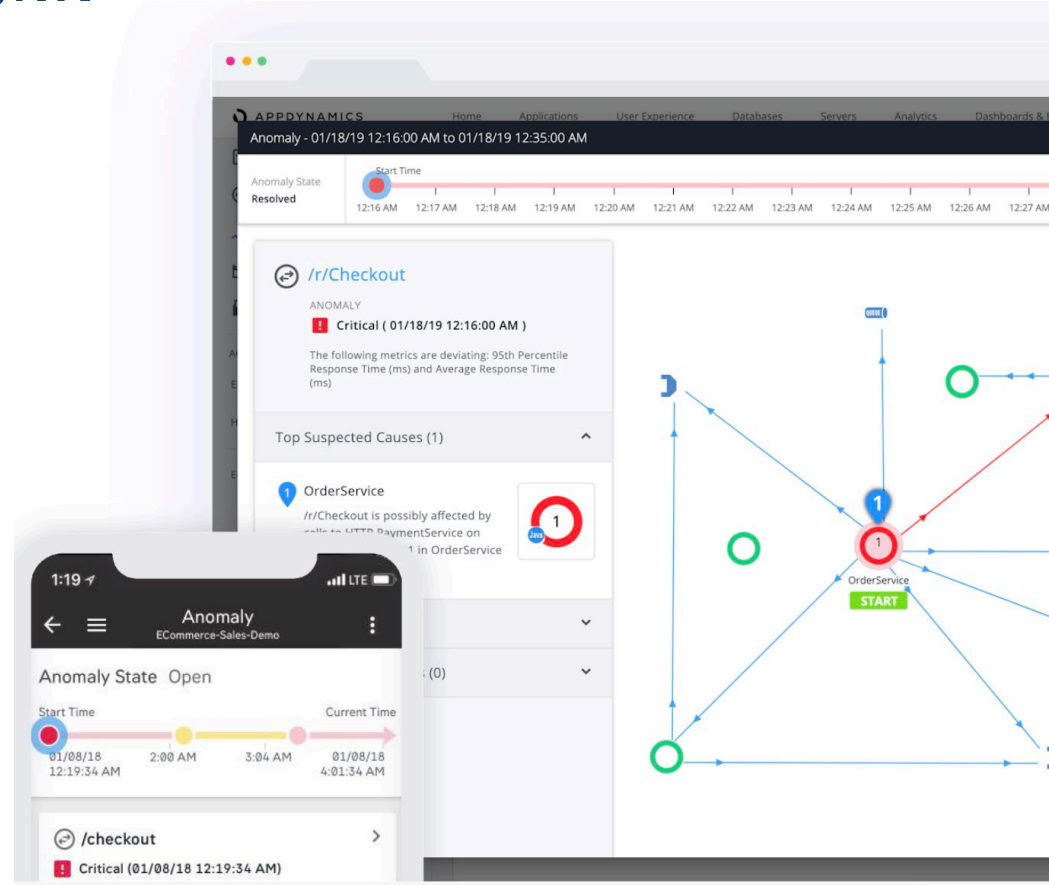
- Dependencies in minutes
- Baselines in hours
- Troubleshooting when you need it most



Automated RCA for Cloud

Cognition Engine

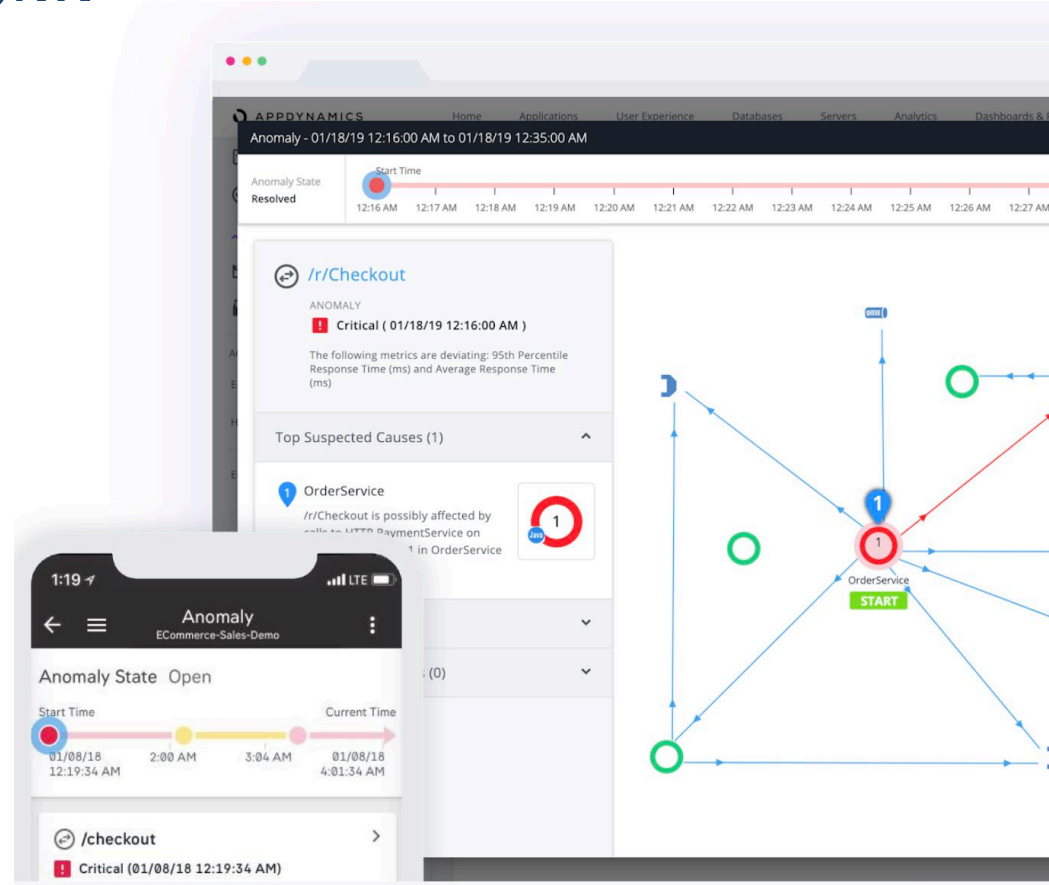
- Baselines performance
- Streaming anomaly detection
- Automated root cause analysis



Automated RCA for Cloud

Cognition Engine

- Baselines performance
- Streaming anomaly detection
- Automated root cause analysis



Cloud Native and Observability

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New Cisco AppDynamics Cloud Native Capabilities

Full Stack Observability Platform

Increase visibility through broad support of data types from agents, cloud providers, open standards, Cisco

Cloud Data Collection

Automate data collection and correlation from cloud providers with an extensible cloud data collector

Cloud Native Visualization

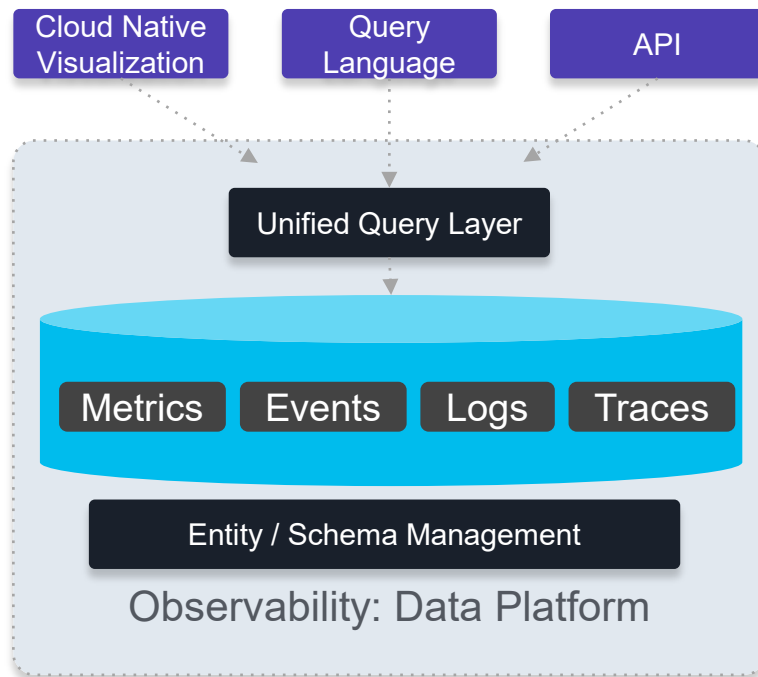
Reduce the complexity of monitoring cloud-native apps and services through a context-sensitive interface

Intelligent Application Resourcing

Ensure that your applications receive the resources they need from an infrastructure perspective

Unified Observability Platform

Unified Data platform – all your Metrics, Events, Logs, Traces (MELT) data in a common repository



Cloud Data Collection

Enables collectors for Public Cloud Services

- **Agentless AWS CloudWatch** data collection will target core services
- **Extensible** to additional services and clouds by AppD and 3rd parties
- **Model** entities and relationships for enriched topology, correlations, and business transactions

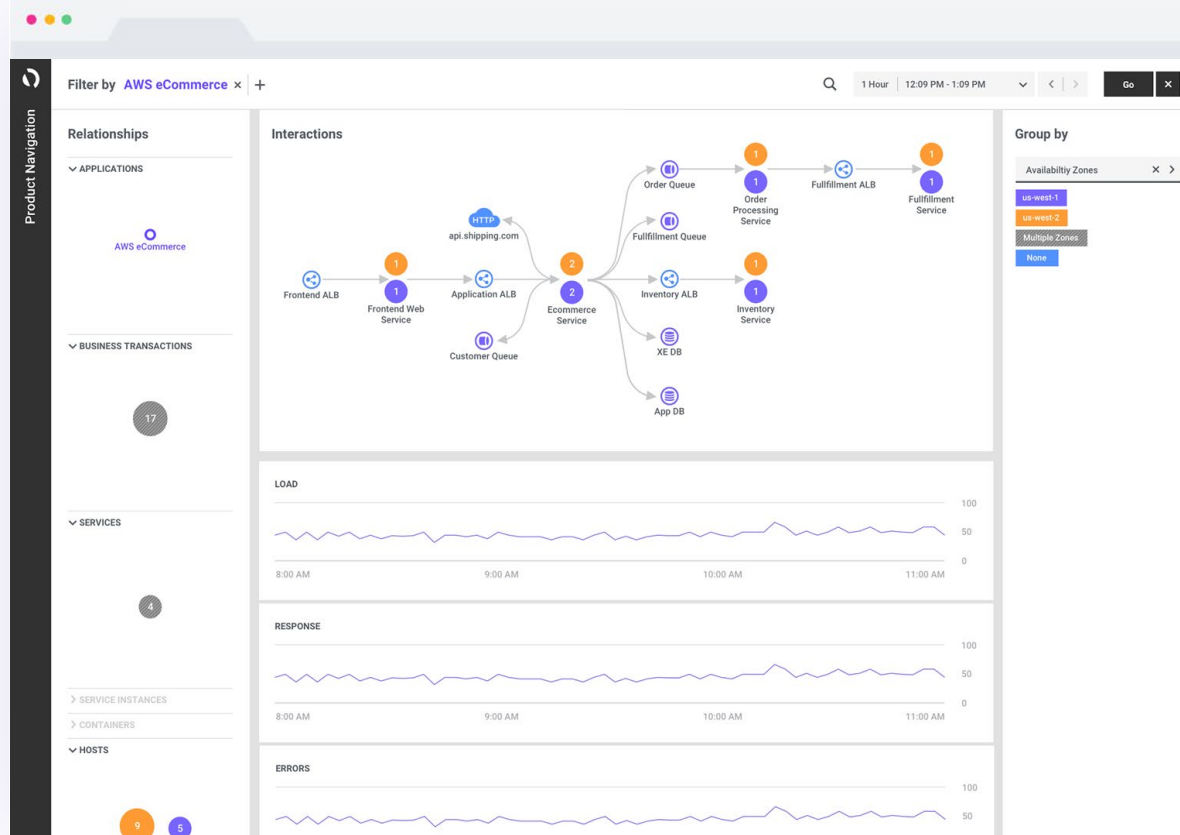


Visualize Anything

Redesigned dynamic topology

- **Make decisions more efficiently** by showing as few contextually-relevant choices as possible
- **Explore datasets** by sorting entities by specific properties
- **Entity-centric pages** show relevant information per entity for easier navigation

Note: As part of Cloud Native's launch program, early adopters have access to the Cloud Native Visualization functionality for six months free of charge. After six months, or February 2021, whichever is earlier, a purchase of new licenses is required to continue using the functionality and AppDynamics reserves the right to charge separately for Cloud Native Visualization after such initial period.



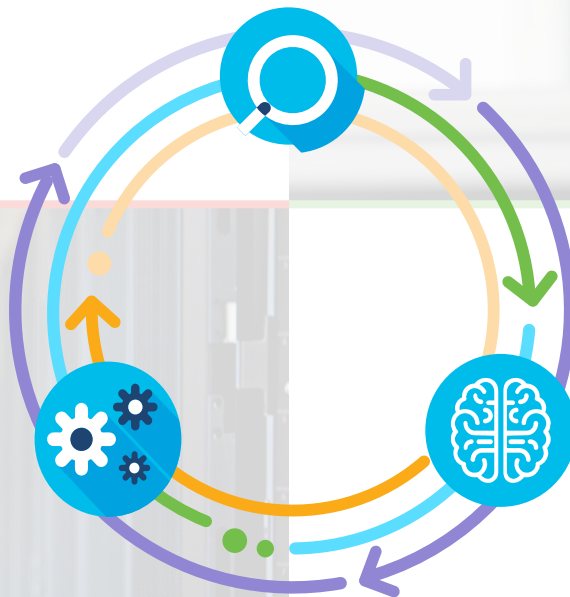


Visibility

App and infra interdependencies
and impact on business performance

Action

Full-stack automation to
continuously optimize
resources to the app



Insight

Analytics to
drive the right
resource decisions



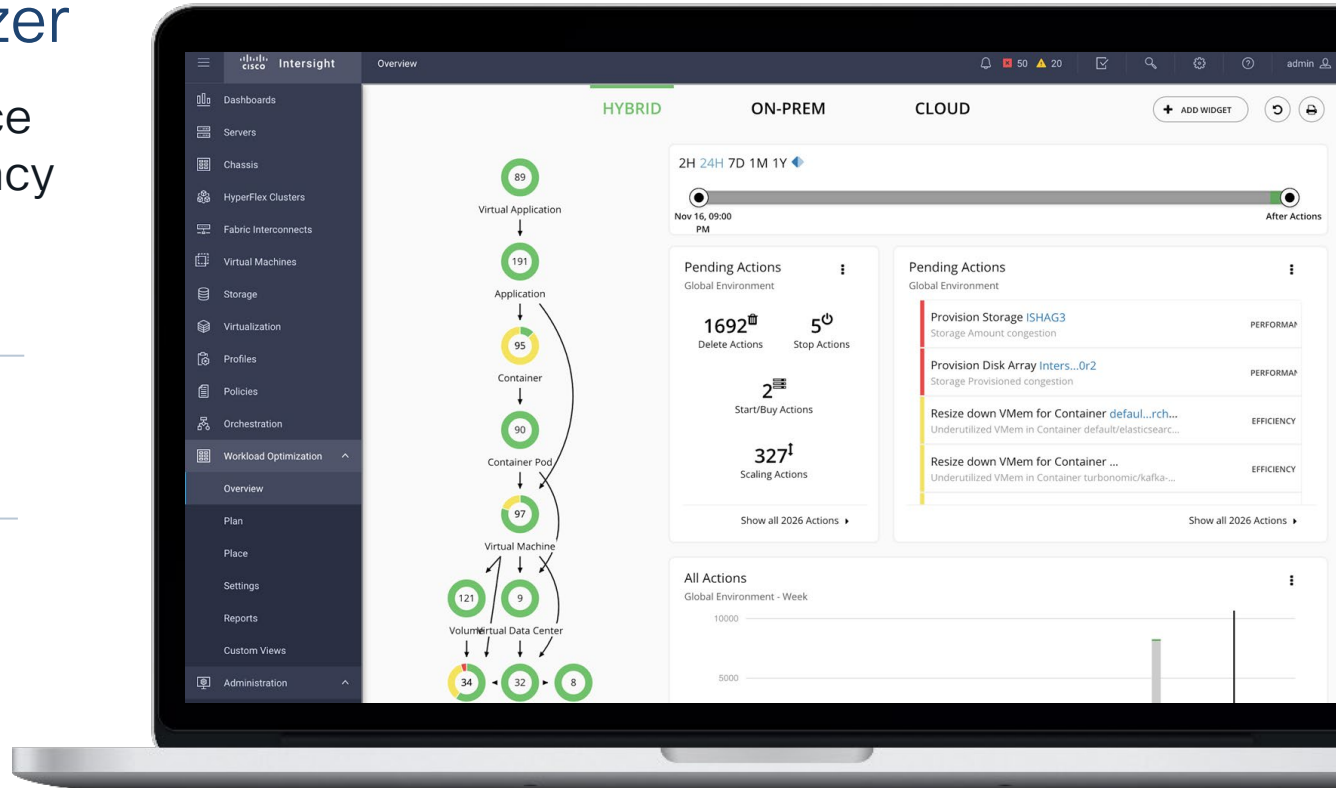
Cisco Intersight Workload Optimizer

Ensure app performance and operational efficiency

Understanding app resource needs at every layer

Machine intelligence to drive automated resourcing decisions on-prem and in the public cloud

Continuous optimization matches application resource demands to the underlying infrastructure



Connect application insights to real-time infrastructure resourcing decisions.

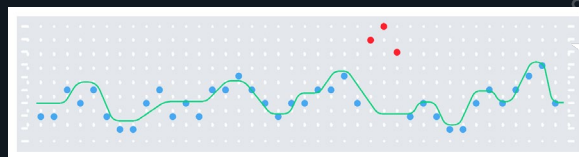
Customer experience is constantly impacted by workload placement and capacity

Virtualization

Multi-Cloud

Elastic Containers

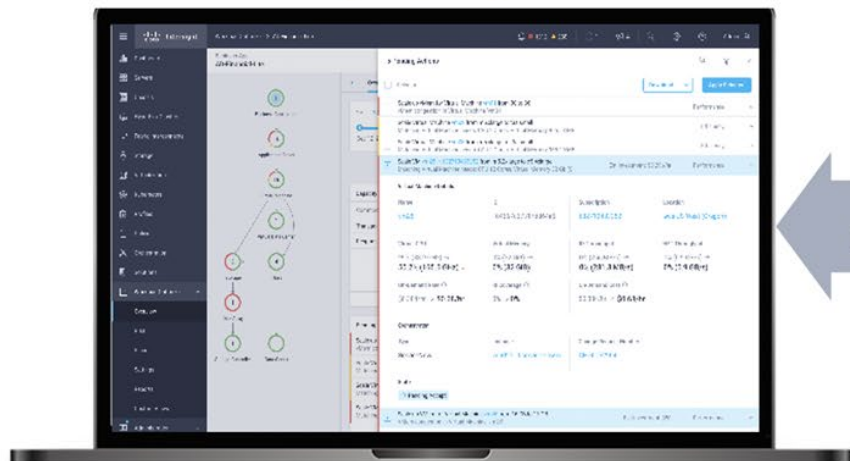
Application Assured Infrastructure



TRANSACTION SCORECARD		
Normal	65.4%	0.3m
Slow	34.0%	168.7k
Very Slow	0.5%	2.7k
Stalls	0.0%	63
Errors	0.0%	140

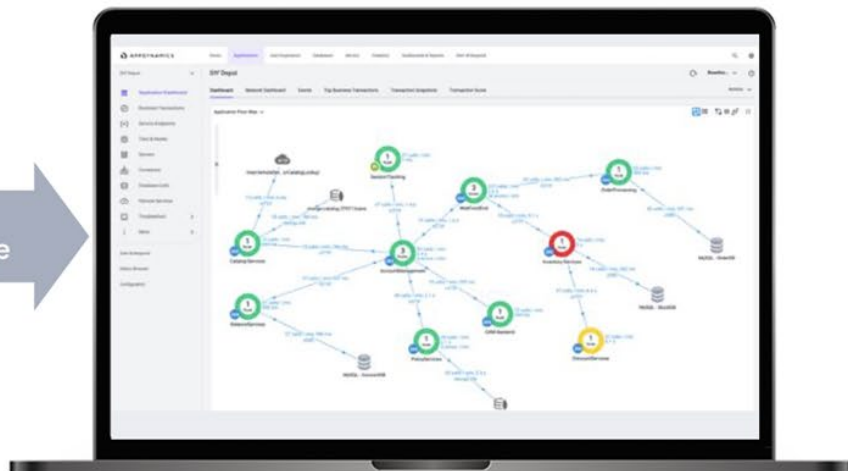


Application correlated to infrastructure



< Correlated data for common view >

Application correlated to business



Data Exchange

Cisco AppDynamics Advantage

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Use Cases



Application and Infrastructure Performance Control

Ensure that your applications continuously get the resources they need from an infrastructure perspective — in on-premises, hybrid, and cloud-native architectures.



Migrate with Confidence, Automate with Ease

Prioritize your workflows and tame the complexity of the cloud with unified visibility. Ensure that your cloud-native applications deliver business value in production.



Infrastructure Cost Optimization

Transform your operations from reactive to proactive with intelligent application resourcing and cost optimization.

The Cisco AppDynamics advantage

Cisco AppDynamics
and your cloud
together

Hybrid &
Cross cloud



Cloud migration



IaaS & cloud
native
workloads



Serverless



Container
workloads



SAP in the
cloud



Business
performance



Only Cisco
AppDynamics
provides

- **Single Pane of Glass** across on-premises data centers and cloud
- **Alerting and Baselining** available for all application and business metrics
- **No code changes** required for instrumenting applications
- **Wide Support** for enterprise language, platforms, apps, and services

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The bridge to possible

Thank you

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The background is a vibrant, abstract composition of numerous overlapping, elongated, teardrop-like shapes in various colors including dark blue, light blue, green, yellow, orange, and red. These shapes radiate from a central point, creating a starburst or sunburst effect. Some of these shapes have white circular cutouts. Scattered around the central burst are several small, solid-colored circles in blue, yellow, and red.

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