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The bridge to possible

Complete Observability For Your Cloud Applications

Product or Strategy Overview

Sunder Parameswaran

VP of Products, Cisco AppDynamics

Geoff Hendrey

Head of Architecture, Cisco AppDynamics



#CiscoLive

Cisco Webex App

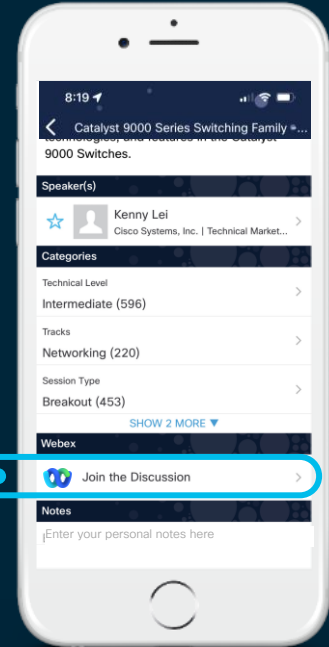
Questions?

Use Cisco Webex App to chat with the speaker after the session

How

- 1 Find this session in the Cisco Live Mobile App
- 2 Click “Join the Discussion”
- 3 Install the Webex App or go directly to the Webex space
- 4 Enter messages/questions in the Webex space

Webex spaces will be moderated by the speaker until June 17, 2022.



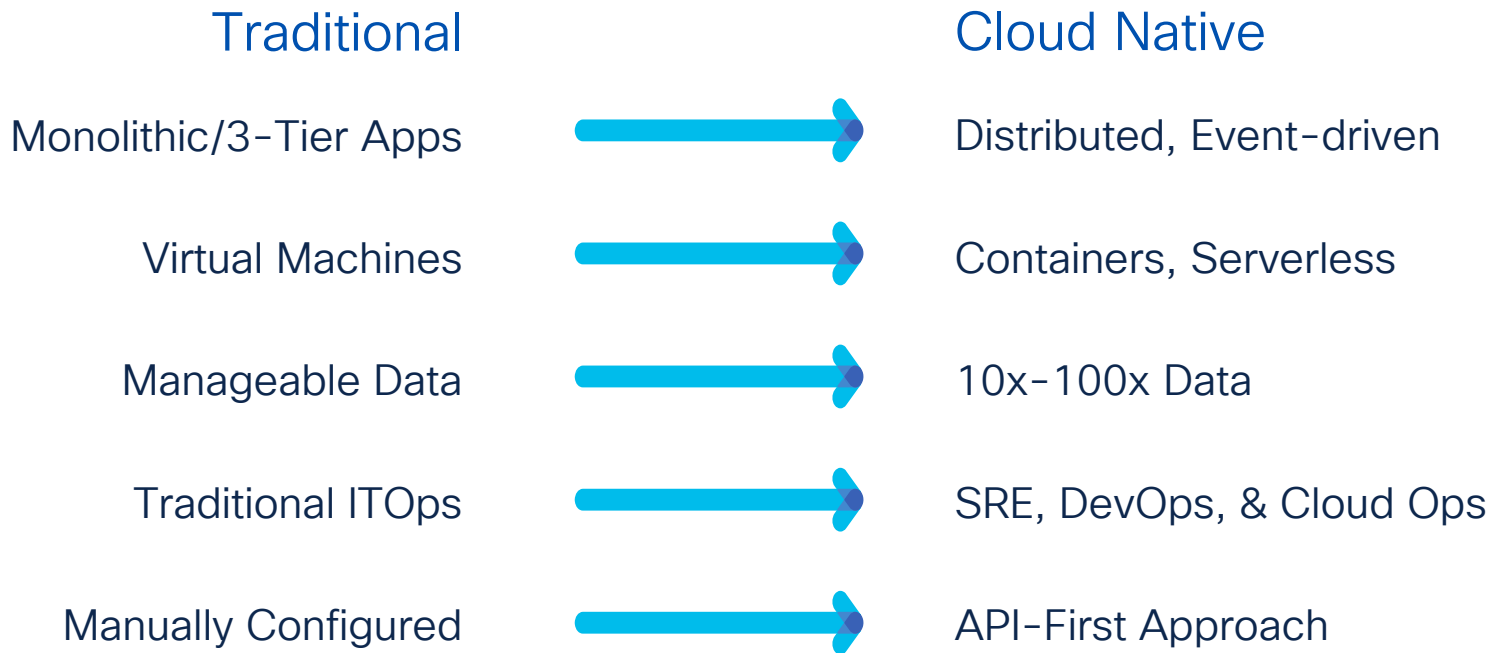
<https://ciscolive.ciscoevents.com/ciscolivebot/#PSOAPP-1005>



Agenda

- Cloud Observability Challenges
- Intro to AppD Cloud
- Vision, value-props , personas
- Extensible Platform
- Upcoming capabilities

The application world is evolving



Monitoring needs to evolve with it

The problem
with observability”
today



Most offerings were designed years ago with a single purpose in mind and then “bolted on” new use cases.

Resulting in



- Disconnected Data Silos
- Forcing you to jump from tab-to-tab.



- Incomplete Visibility
- Business? Internet? Security?



- Biased point-of-view
- Log-centric?
Infrastructure? APM?

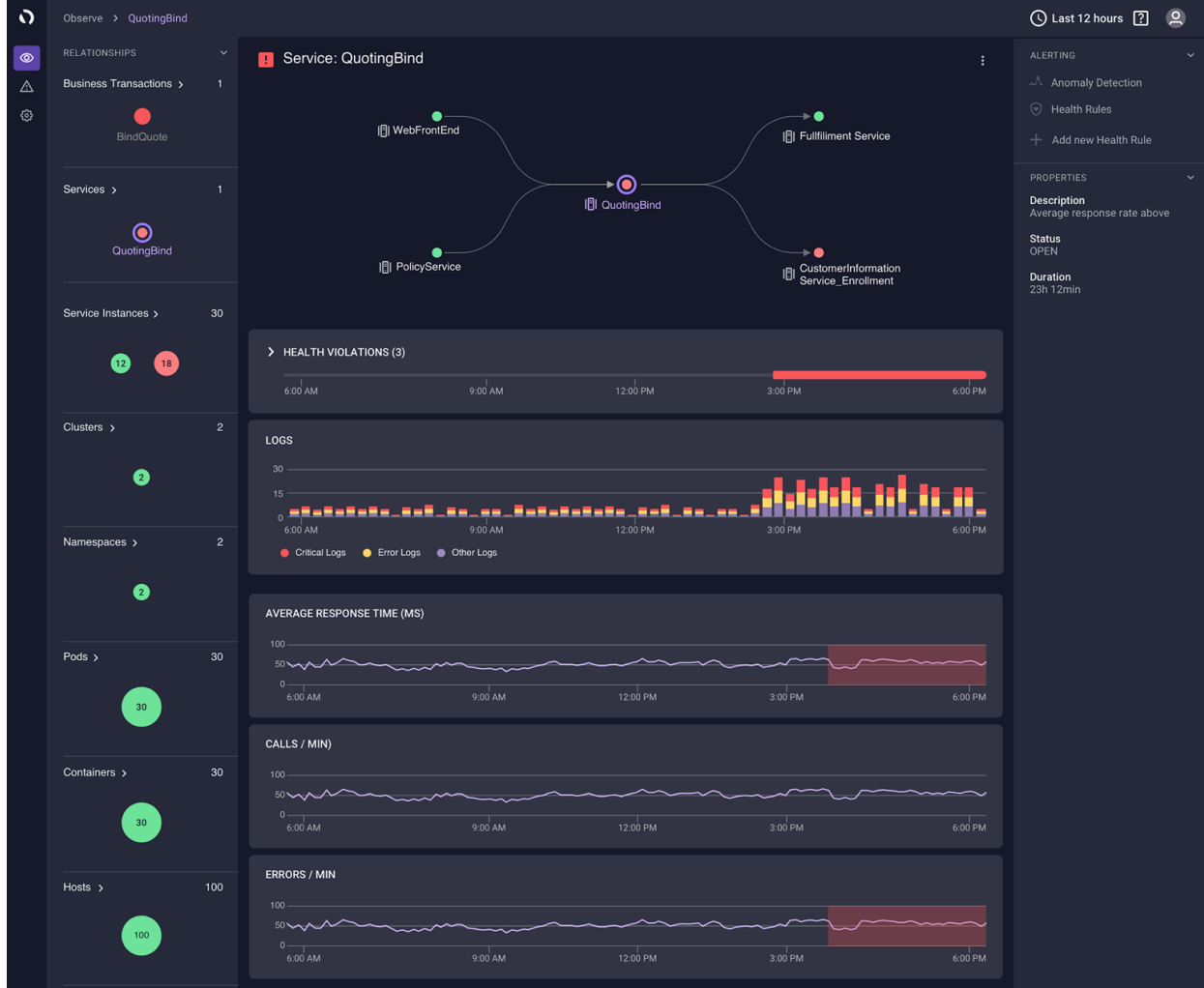
A glass sphere with a rainbow-like reflection, set against a dark blue background with a bright orange light streak.

Shape the future.



AppDynamics Cloud

A new product, realizing
Cisco's vision of full-stack
observability to cloud-native
applications.



Overcoming the Observability Silos

A **new** full-stack observability product for modern, cloud-native applications



Correlated full-stack
context across
domains and data
types



Open Standard-based
extensible platform



Purpose-built for
observing cloud-native
architectures at scale



AIOps-driven
insights across
observable data

Cross-Domain Visibility

Seamless visibility up + down the modern application stack

Entity Correlation

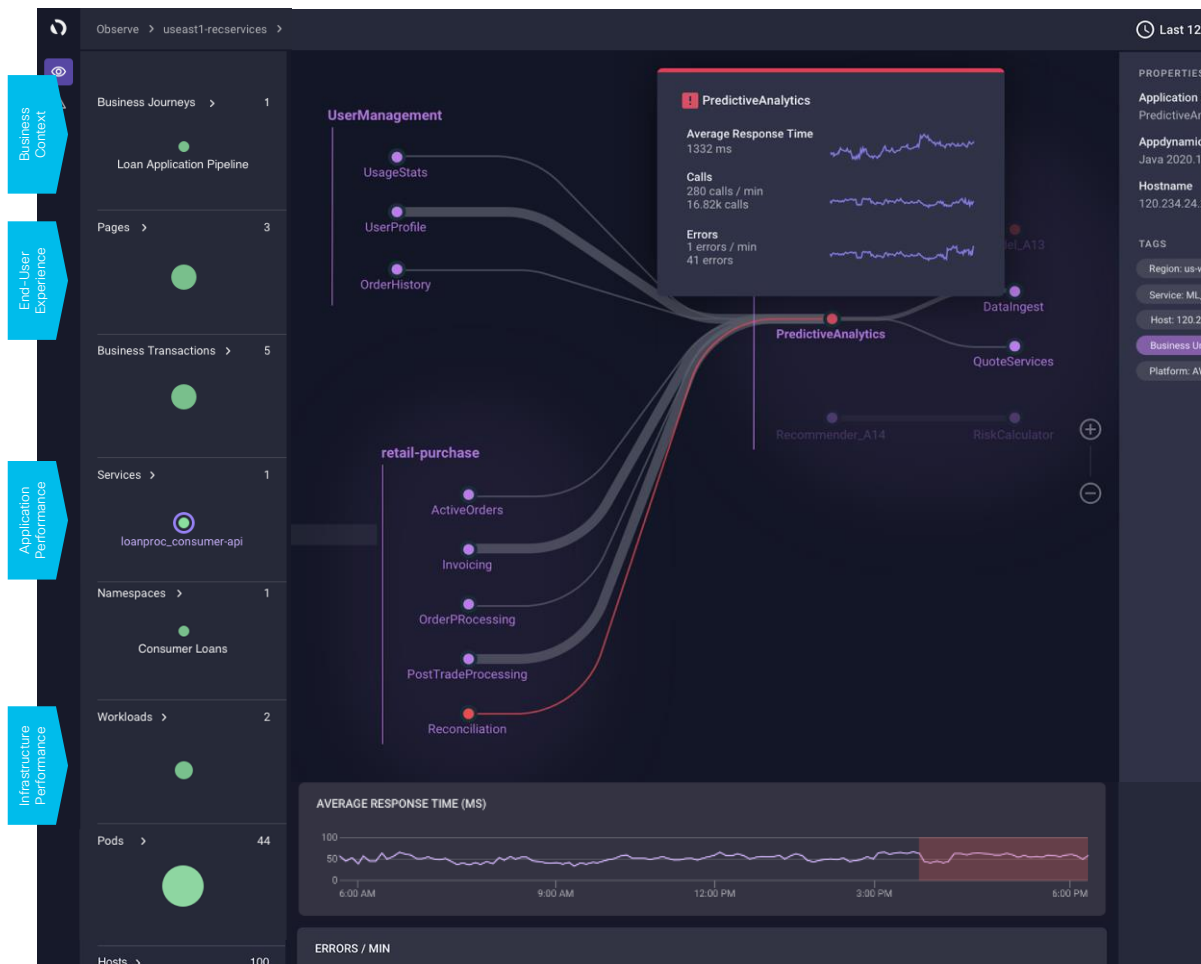
across domains shows how entities are connected across applications

Traverse Relationships

to assess upstream and downstream impact of cascading failures

Dynamic Exploration

allows you to discover unexpected “unknown unknowns”



Cross-M.E.L.T. Troubleshooting

Everything you need to see without jumping tab-to-tab

Surfacing the root cause

Entity & time context + ML= Pattern detection for logs behavior

Multiple levels for troubleshooting specifics

Different layers of data granularity, better traversing

Expert or not expert you still feel comfortable

Guidance through UI x query



AI-Powered Root Cause

Cognition Engine processes big data so you don't have to

Anomaly Detection

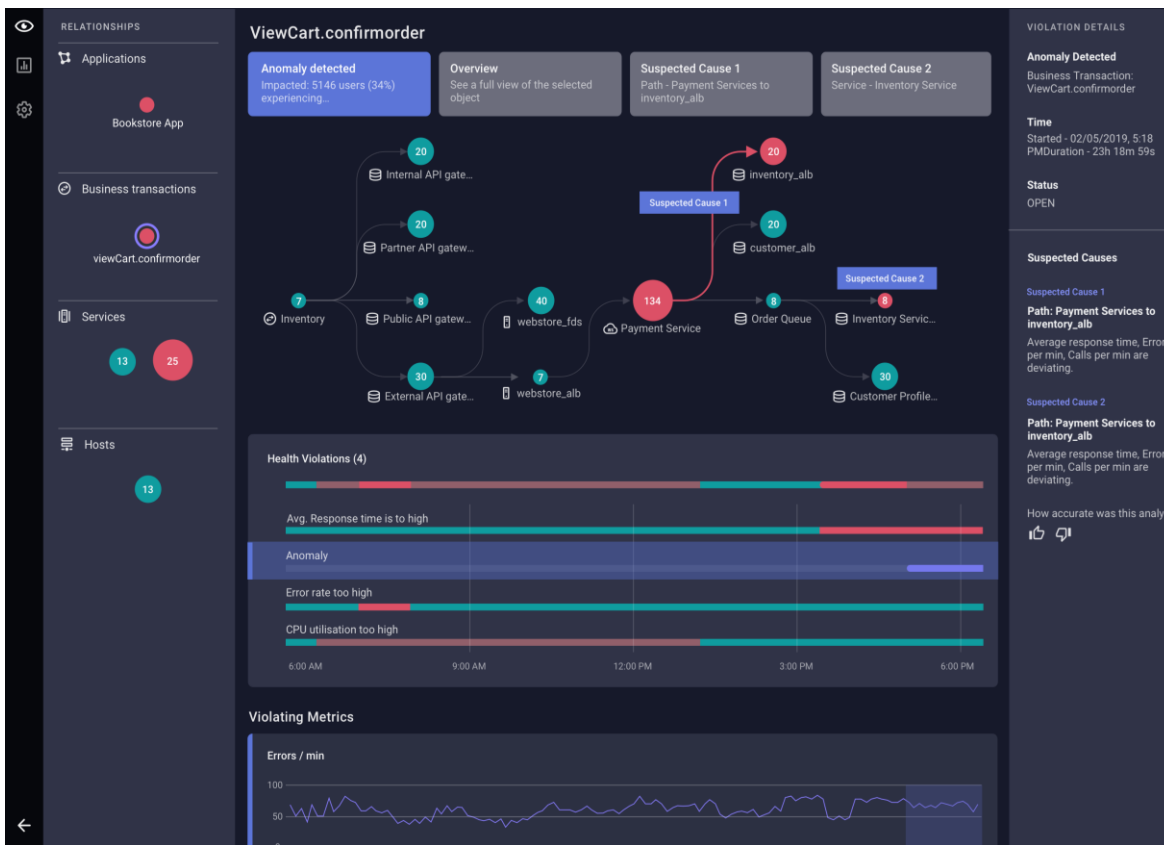
Automatically detect potential services issues using robust AD algorithm

Suspected Causes

Probable root cause is identified by correlating symptoms across services

AI Tuning

Provide feedback to Cognition Engine to tune sensitivity

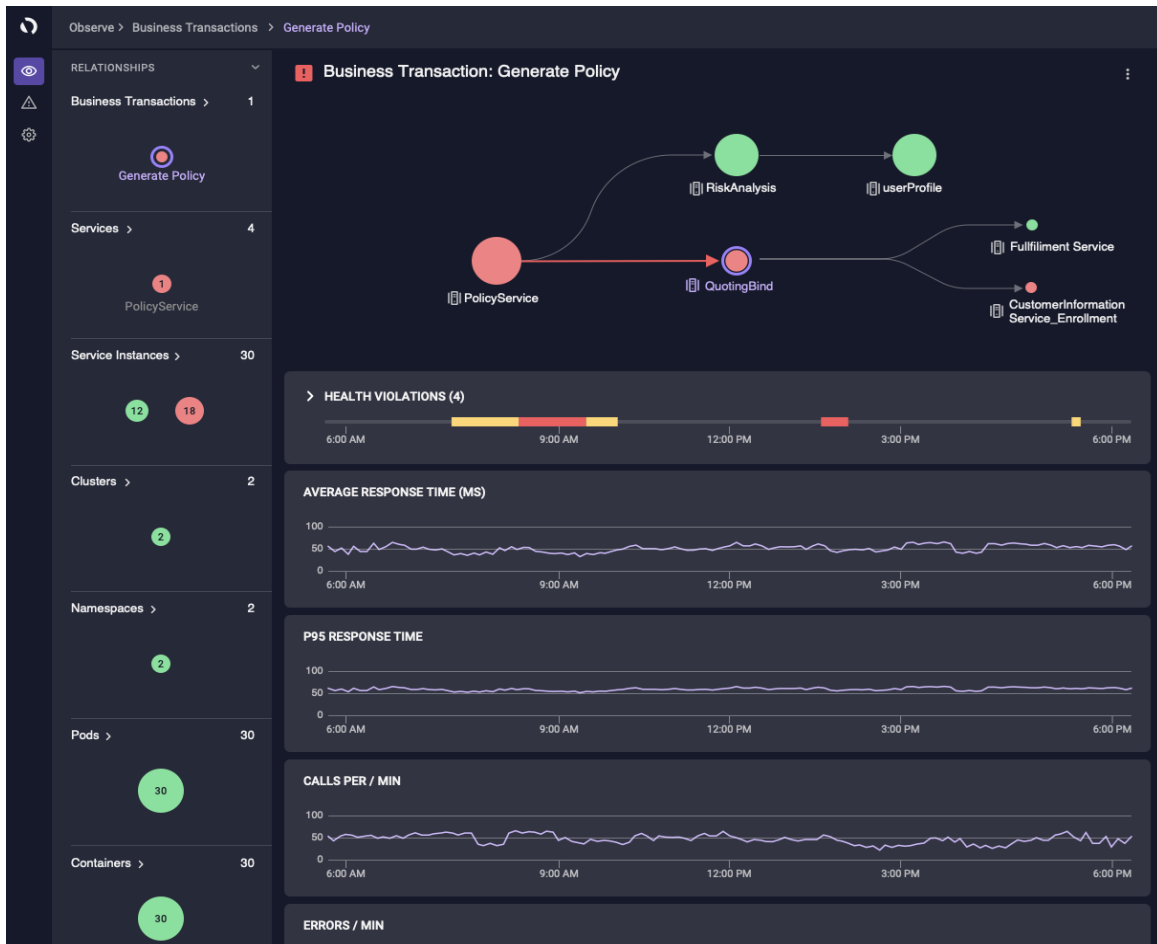


Troubleshoot with Biz Impact

Traces \neq Business Transactions

BT's add higher level of abstraction to overcome complexity

Evaluate risk and prioritize response based on what's most important to the business



Common language of Troubleshooting & RCA for multiple personas



DevOps



CloudOps/SRE



App Owner



Biz Owner

Extensible Platform- Benefits

For Customers

- More features, faster innovation
- community lead growth of apps/extensions
- A readily growing list of solutions to problems of every sort

For Partners

- Self-service, lower touch partnering model
- Industry best, most powerful end-to-end SDK
- Decreased time to revenue

Preview of Appd Cloud Extensions (ACE)

The screenshot displays the 'Solution Center' interface for Appd Cloud Extensions (ACE). The top navigation bar includes 'Solution Center > Solutions Home', a search icon, a refresh icon, a clock showing 'Last 30 min', and user profile icons. A left sidebar contains a 'MY SOLUTIONS' section with a table of solution states and a 'CATEGORIES' section with a list of solution categories. The main content area is titled 'FEATURED SOLUTIONS' and features a large banner for 'komodor'. Below this, a 'POPULAR SOLUTIONS' section displays a grid of solution cards for 'ThousandEyes', 'Cisco Intersight', 'Appdynamics Digital Experience', 'Cisco Business IQ', 'SAP', and 'Cisco SecureApp'. Each card includes a description, tags, and 'Install' and 'More information' buttons.

MY SOLUTIONS

State	Count
Installed	7
Developed	3
Recently Updated	3
Dormant	2

CATEGORIES

Category	Count
Reporting & Dashboards	12
Workflow & Troubleshooting	8
Security	36
Data Pipeline	3
Digital Experience Monitoring	5
Business Transactions	9
Analytics	18
Applications & Services	18
Cloud & Infra	18
Cisco Solutions	7

FEATURED SOLUTIONS

komodor

The Komodor Troubleshooting Extension tracks changes across your entire K8s stack analyzes their ripple effect and provides you with the context you need to troubleshoot efficiently and independently. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.

[Install](#) [More information](#)

POPULAR SOLUTIONS

Search...

ThousandEyes

ThousandEyes offers a sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Tags: Network Visibility, Traffic

[Install](#) [More information](#)

CISCO INTERSIGHT

Use Cisco Intersight to amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Tags: Network Visibility, Traffic

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APPDYNAMICS DIGITAL EXPERIENCE

Focus down on the activity of your Users with Appdynamic's DEM Solution. With this solution you adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip.

Tags: User Monitoring

[Install](#) [More information](#)

CISCO BUSINESS IQ

Cisco Business IQ enables a view into your business unlike to amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.

Tags: Transactions, Services, Business Process

SAP

Partner with SAP to consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

CISCO SECUREAPP

Security is of paramount importance adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo.

Tags: Security, Monitoring

AppDynamics Cloud Roadmap

Now +GA

Next +12mo

Cloud & Infrastructure

- AWS & Azure
- Managed Kubernetes (EKS,AKS)
- Services & Infra Topology

Cloud & Infrastructure

- Expanded AWS & Azure
- Automate Cloud connection creation and Management (CloudFormation, Terraform)
- Self-managed K8s (e.g. OpenShift)
- Prometheus Extensibility
- Databases
- Cross-domain root cause analysis

Modern Apps

- Service-oriented troubleshooting
- Anomaly Detection for Services
- Root Cause Analysis for Logs

Modern Apps

- Service-oriented troubleshooting
- Business Transactions
- Trace Analysis
- Domain specific RCA
- OTel Agents & Fleet Management
- Service to Internet Correlation (TE)

Service Comparisons and Optimization

DEM

- Business Metrics, EUM

Technical Session Surveys

- Attendees who fill out a minimum of four session surveys and the overall event survey will get Cisco Live branded socks!
- Attendees will also earn 100 points in the Cisco Live Game for every survey completed.
- These points help you get on the leaderboard and increase your chances of winning daily and grand prizes.



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Cisco U.

IT learning hub that guides teams and learners toward their goals

Cisco Digital Learning

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Cisco Modeling Labs

Network simulation platform for design, testing, and troubleshooting

Cisco Learning Network

Resource community portal for certifications and learning



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Accelerated curriculum of product, technology, and certification courses



Certify

Cisco Certifications and Specialist Certifications

Award-winning certification program empowers students and IT Professionals to advance their technical careers

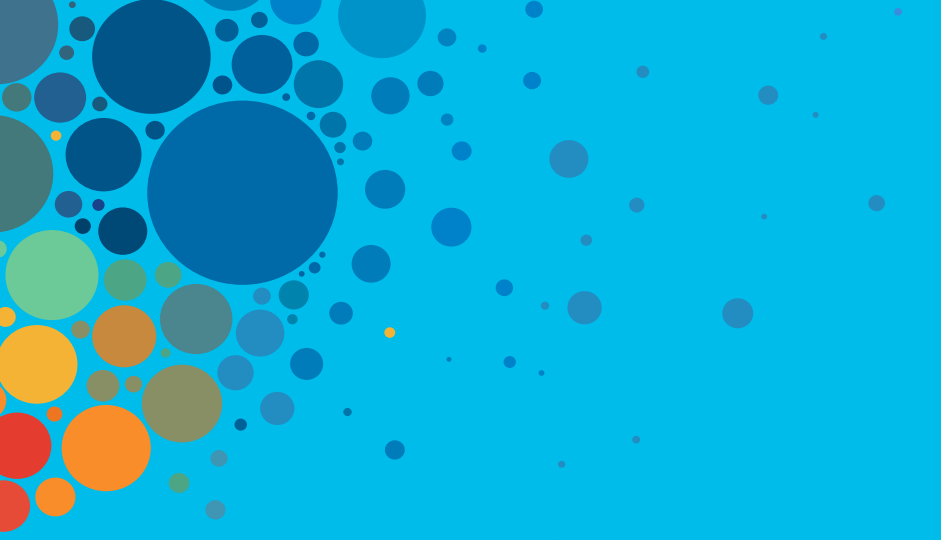
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Thank you

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