



You make **possible**



What You Can See with AppD

For When It's Not the Network

Quintessence Anx, Technical Evangelist @
AppDynamics
@QuintessenceAnx

DEVLIT-4028

CISCO *Live!*

Barcelona | January 27-31, 2020



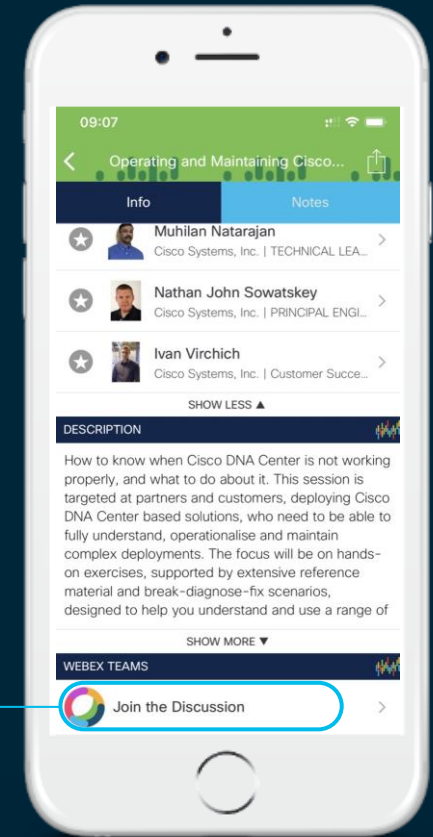
Cisco Webex Teams

Questions?

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

How

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



Agenda

- Introduction to AppD via Demo
- What is AppD / APM
- How AppD integrates into CNS / Cisco
- Q&A

Diving Right In

AppDynamics =
Application
Performance
Monitoring Tool

Why should a network
engineer care about APM?

You: a network engineer
for an E-Commerce site

Customer(s): Cannot
complete transactions

DevInfraOps: Is it the network?

You: It's too early in the day for this

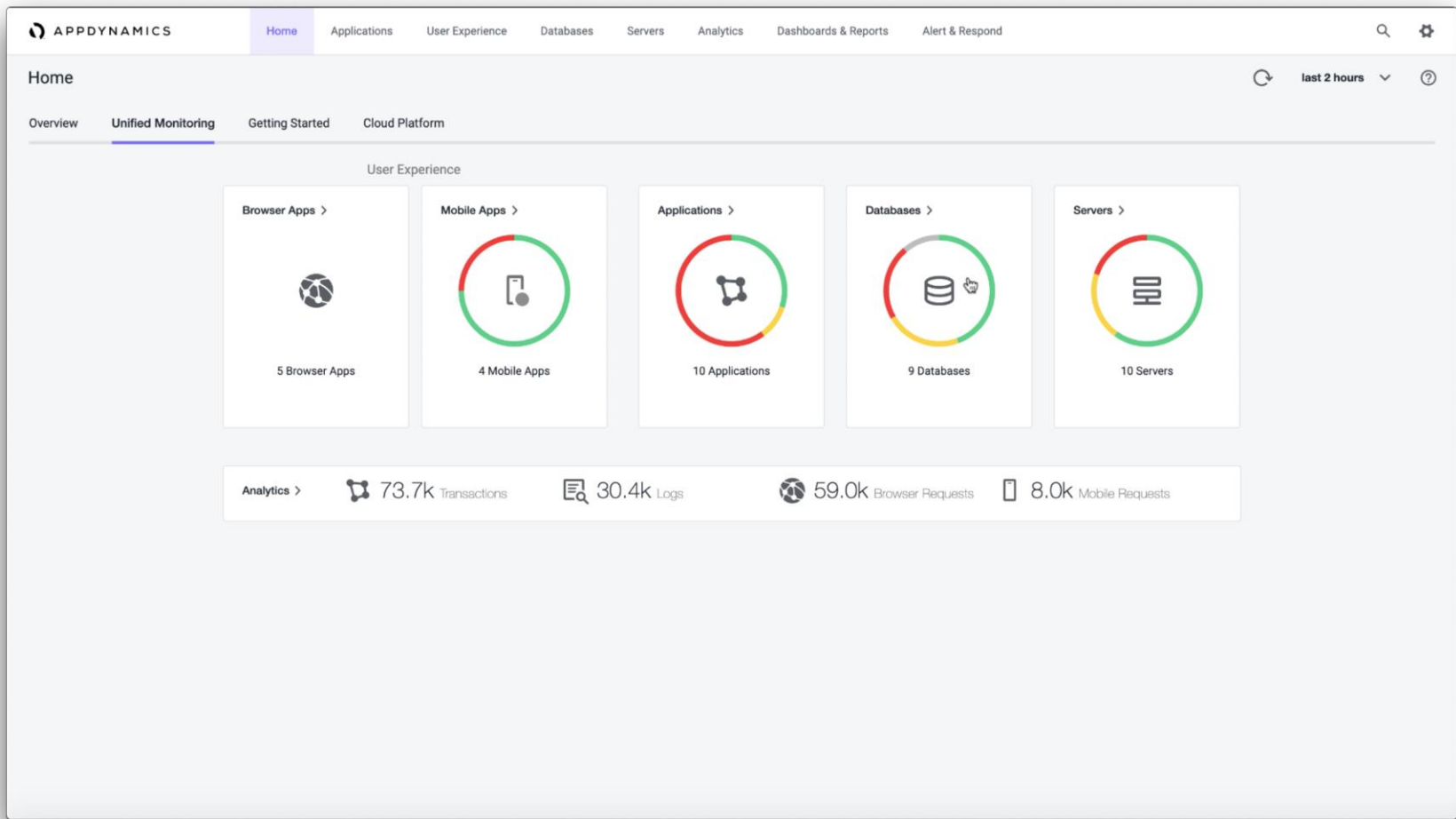


The screenshot displays the Cisco ServiceNow ITSM interface for an incident titled "Network is Slow". The left sidebar contains navigation options: Queues, Customers, Reports, Customer portal, Knowledge base, and Settings. The main content area shows the incident details:

- Incident ID:** ITSM-5
- Status:** WORK IN PROGRESS (View workflow)
- Type:** Incident
- Priority:** High
- Resolution:** Unresolved
- Component/s:** Public website
- Description:** Customers cannot complete transactions due to slow network.
- Attachments:** Drop files to attach, or browse.
- Issue links:** WORK IN PROGRESS
- Activity:** All, Comments, Work log, History, Activity
- Assignee:** Developer (Assign to me)
- Reporter:** IT Agent
- Votes:** 0 (Vote for this issue)
- Watchers:** 0 (Start watching this issue)
- Service Desk Request:** Request type: Report a problem, Work in progress; Channel: Portal; View customer request
- Created:** 15/Jul/17 9:20 PM
- Updated:** 16/Jul/17 8:15 AM
- Development:** Create branch

You: I need to show them
it's not the network.

Demo



Close* Ticket

* or reassign

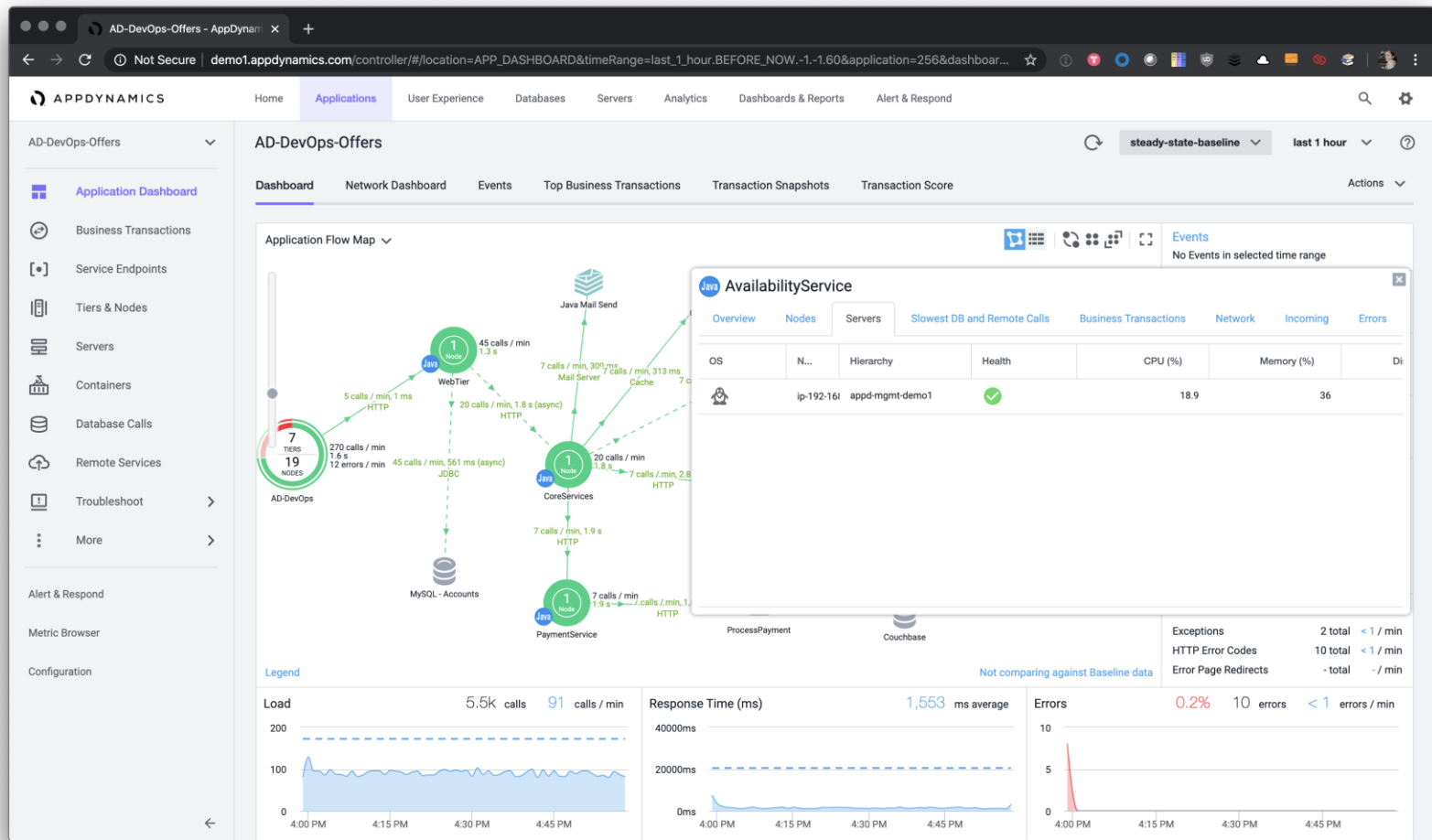


A little on APM

To review: what
did the APM allow
us to see?

Full Stack

Server performance



Transactions

Business Transactions - AppDynamics

Not Secure | demo1.appdynamics.com/controller/#/location=APP_BT_LIST&timeRange=last_1_hour.BEFORE_NOW.-1.-1.60&application=269

APPDYNAMICS Home Applications User Experience Databases Servers Analytics Dashboards & Reports Alert & Respond

ECommerce

- Application Dashboard
- Business Transactions**
- Service Endpoints
- Tiers & Nodes
- Servers
- Containers
- Database Calls
- Remote Services
- Troubleshoot
- More

Alert & Respond

Metric Browser

Configuration

View in User Experience

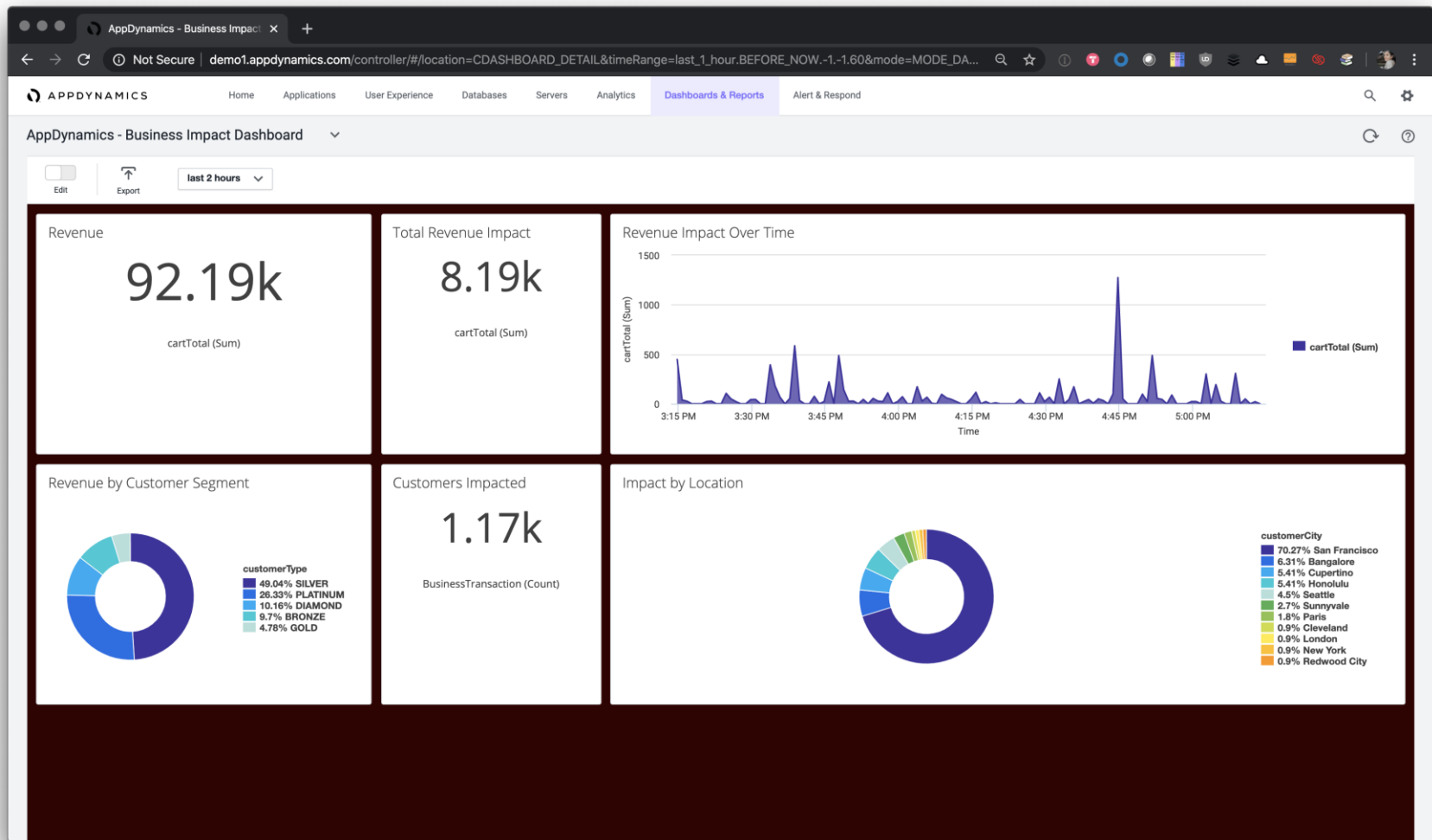
Business Transactions

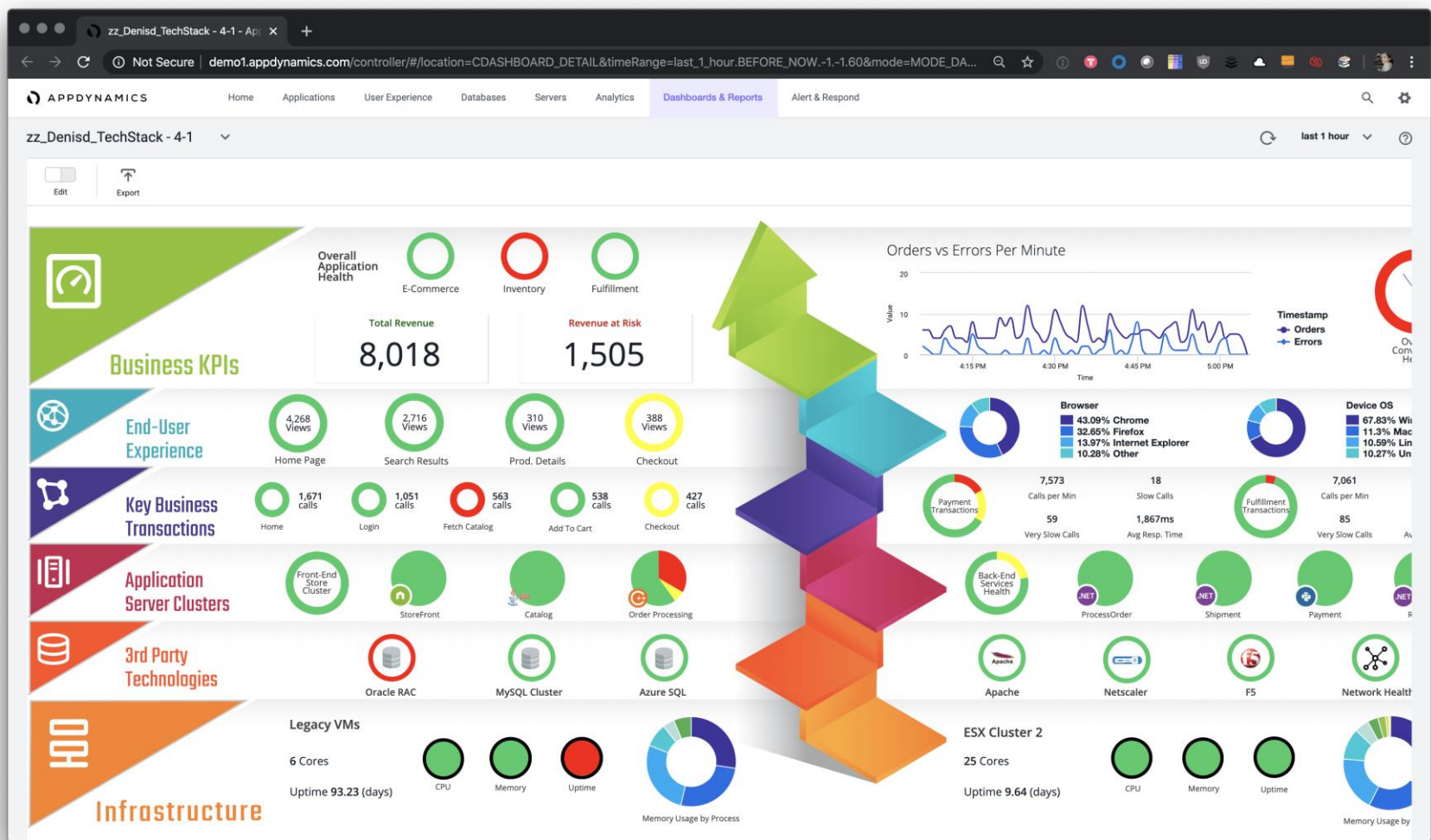
last 1 hour

Showing 14 of 18

Name	Health	Response Time (ms)	Calls / min	Errors / min	% Errors	% Slow Transactions	% Very Slow Transactions	% Stalled Transactions
HomePage	✓	1	28	-	0	0	0	0
Login	✓	1,361	18	12	70	0	0	0
Fetch Catalog - Mobile	✓	8,451	16	4	20	0.2	0.9	0
Fetch Catalog	⚠	935	10	0	4	1	3	0
Add to Cart	✓	12	9	0	5	0	0	0
Checkout	⚠	2,289	7	1	20	1	3	0
/appdynamicspilot/404.jsp	✓	0	6	-	0	0	0	0
Shipping Address	✓	2	6	-	0	0	0	0
Payment Info	✓	2	6	-	0	0	0	0
Confirm Order	✓	2	5	-	0	0	0	0
Order.update	✓	1,175	5	-	0	0	5	0
Login - Mobile	✓	2,711	5	1	30	0	0	0
Add To Cart - Mobile	✓	5,060	4	3	70	0.5	1	0
Checkout - Mobile	✓	4,699	3	0	8	0	1	0

Visualizations






Integrations

Integration Partners | Partners | +

← → ↺ appdynamics.com/partners/technology-partners/integration-partners/ ☆ ⓘ 🔍 🌐 📱 📧 📅 📁 📎 📌 📍 📶 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿 📠 📡 📢 📣 📤 📥 📦 📧 📨 📩 📪 📫 📬 📭 📮 📯 📰 📱 📲 📳 📴 📵 📶 📷 📸 📹 📺 📻 📼 📽 📾 📿

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part of Cisco

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Exclusive Offer For Integration Partners

Get free access to a Not-For-Resale SaaS subscription of our APM Platform

Resources for Your Success

Support from a dedicated Tech Partner team, AppD helpdesk and community forums


Premier Placement on AppDynamics.com


Get your brand exposed to more than 100,000 unique visitors per month


Joint Marketing Initiatives with AppD + Cisco


Tap into the extensive AppD + Cisco network with co-marketed events and collateral


Integration Partners include:



































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AIOps (and alerting)

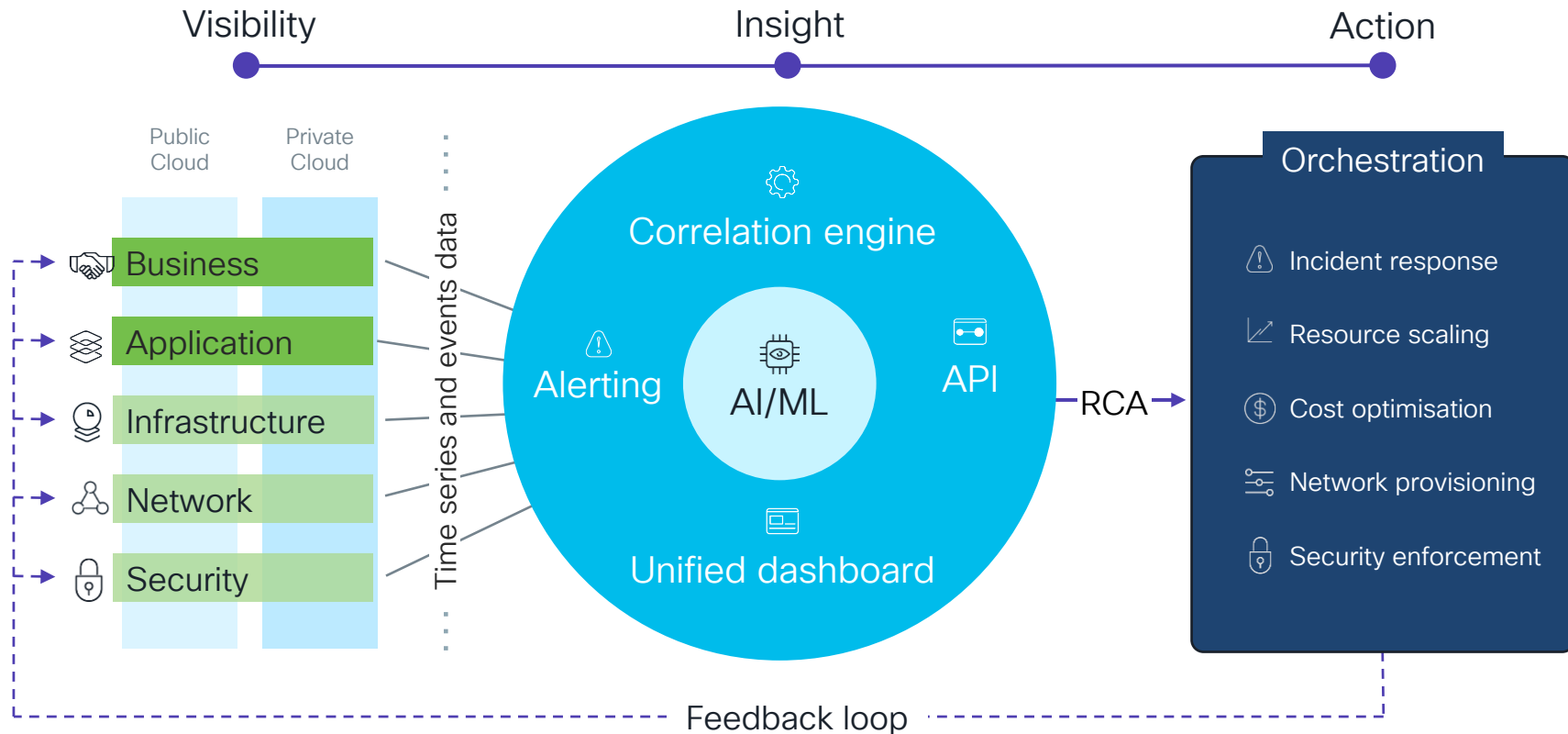
What about AppDynamics (and Cisco)?



Cisco Central Nervous System (CNS)

What is it?

Central Nervous System Diagram (Spoilers!)



Visibility



Public
Cloud

Private
Cloud



Biz outcome



Application



Infrastructure



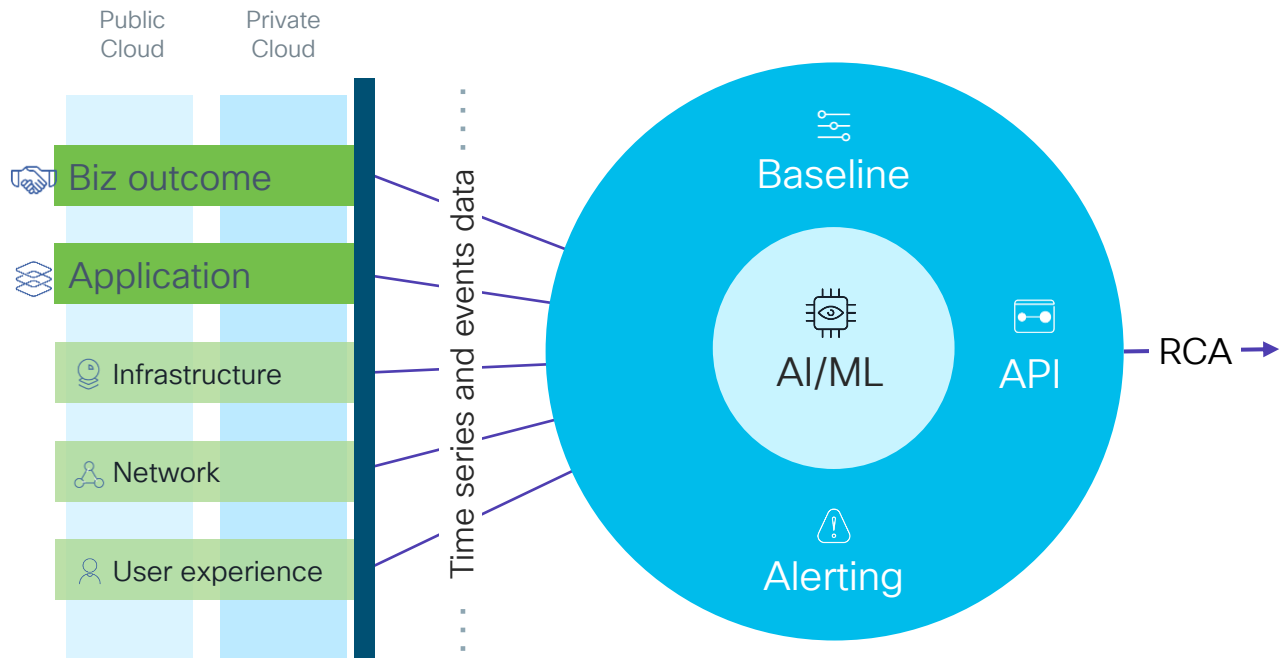
Network



User experience

Visibility

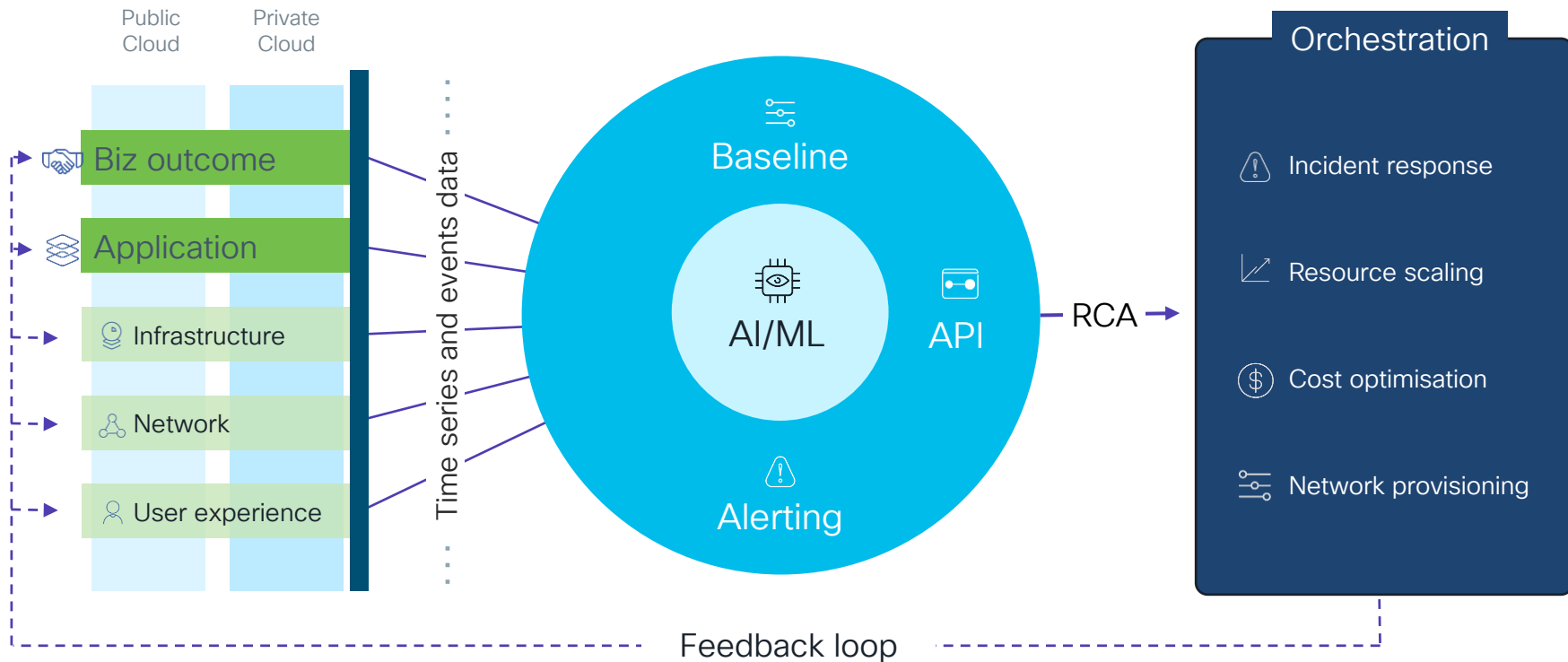
Insight



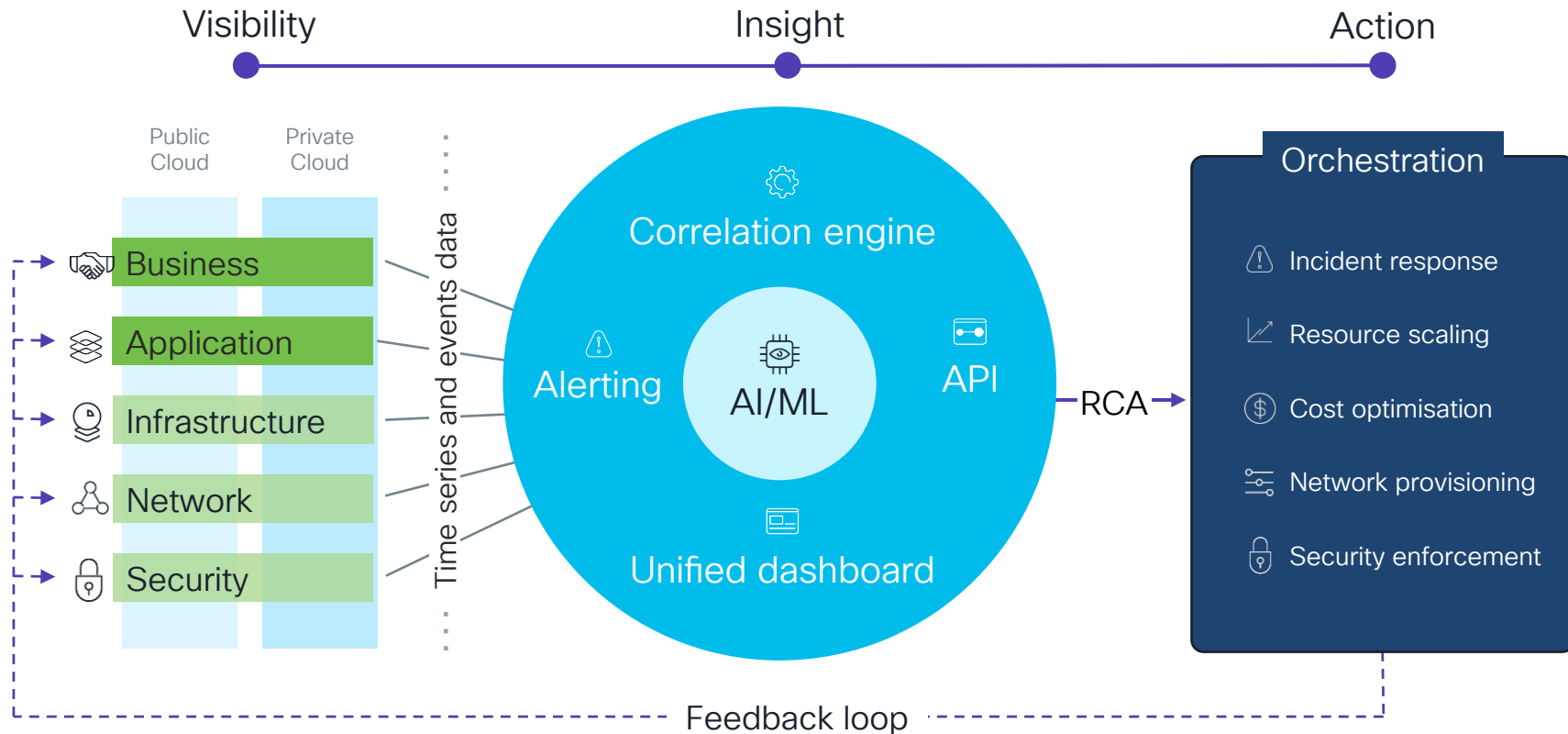
Visibility

Insight

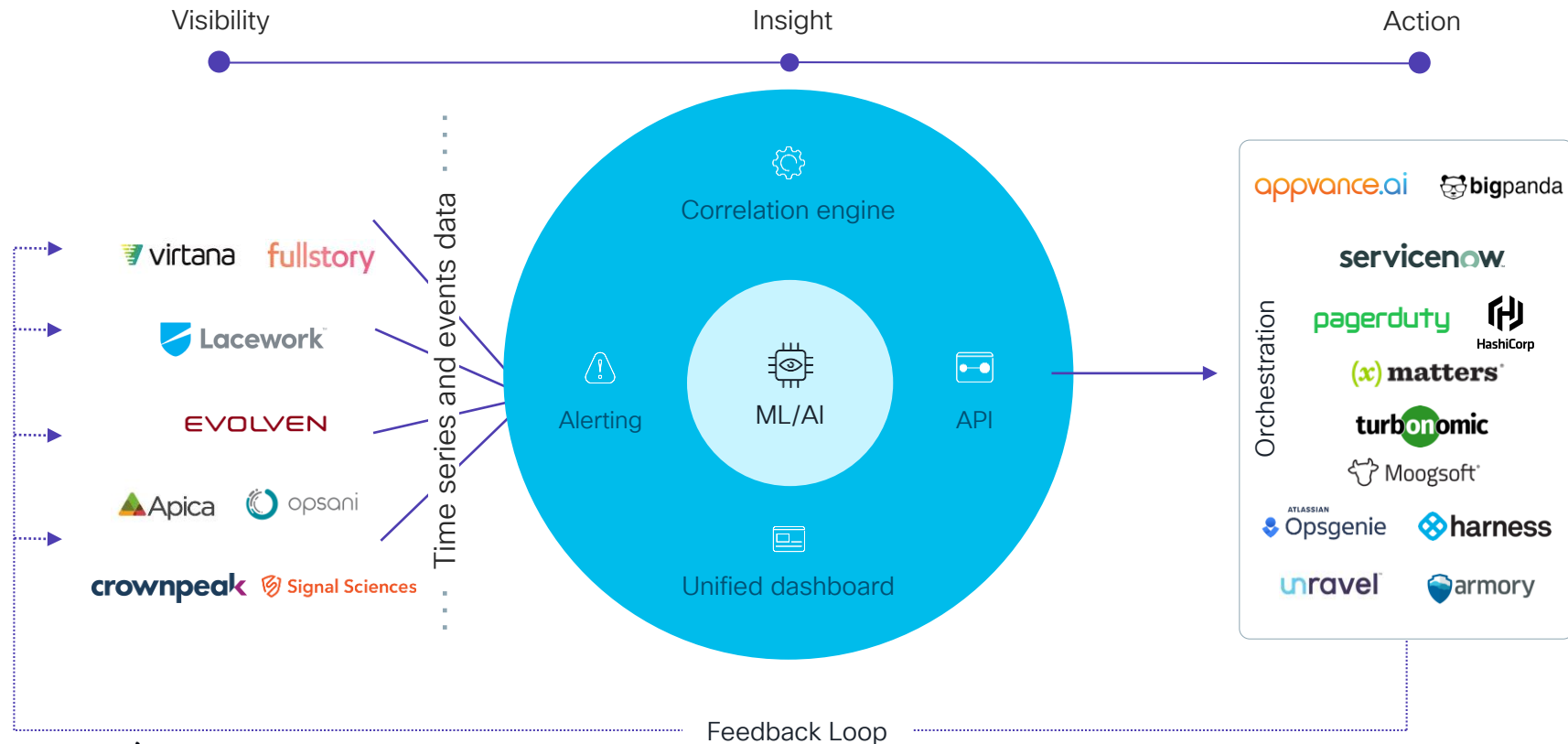
Action



The Central Nervous System



We use this guide to develop our partnerships



Before you go...

- APM tools can help network engineers interact with dev and ops teams
- They do this by allowing you to visually move through the performance of the apps and infrastructure
- Cisco and AppDynamics use a plan called the Central Nervous System to integrate APM with the Enterprise need for AIOps.

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- *They do this by allowing you to visually move through the performance of the apps and infrastructure*
- *Cisco and AppDynamics use a plan called the Central Nervous System to integrate APM with the Enterprise need for AIOps.*
- For more questions: please join the WebEx room DEVLIT-4028
- Help me iterate – complete the survey and tell me your thoughts!

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Specialist Level

Professional Level

Expert Level

Engineering



Software



Future Offering

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DEVNET-2864: Getting ready for Cisco DevNet Certifications

Offered daily at 9am, 1pm & 4pm at Meet DevNet

- Attend a [brownbag session](#)

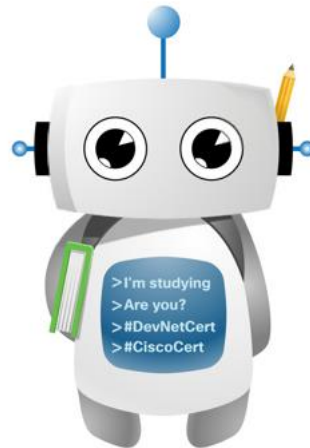
DEVNET-4099: DevNet Certifications: Bringing software practices & software skills to networking

Offered daily 12:15-12:45 in the DevNet Zone Theater

- Visit the [Learning@Cisco](#) booth
- Scan this code to [sign up](#) for the latest updates or go to <http://cs.co/20eur02>

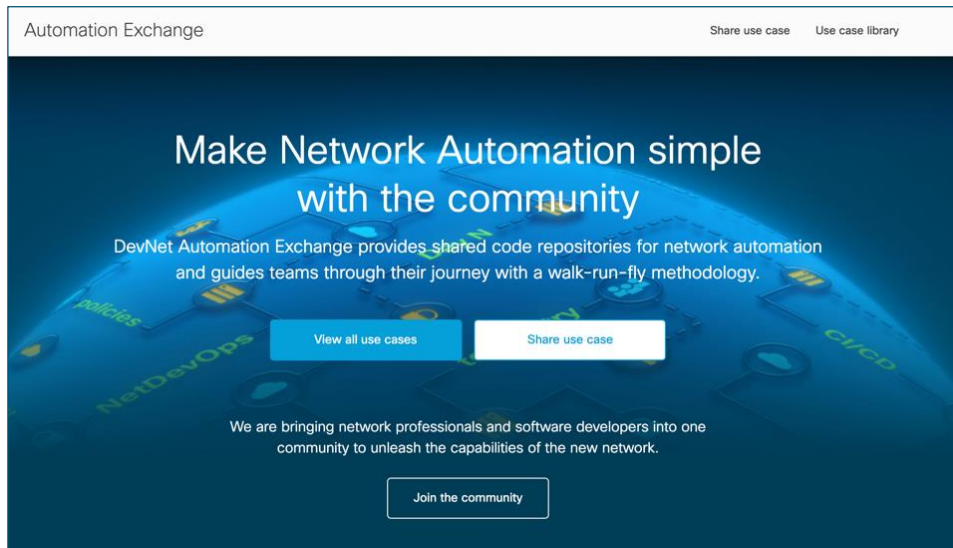


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Find shared code repositories of use cases for network automation & more!

Don't miss our 5
Automate Infrastructure
demos in the
DevNet Zone!



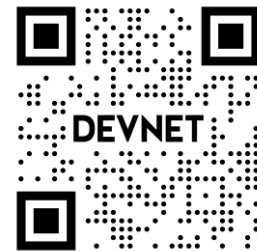
Start at **Meet DevNet**

DEVNET-3010 [a-j] Learn how to make Network Automation Simple with the Community

Offered Monday 2pm & 5pm, Tuesday & Wednesday 10am, 2pm & 5pm, and Thursday 10am & 5pm at Meet DevNet

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<http://cs.co/20eur01>

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Thank you





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