

The background features a vibrant, multi-colored abstract design. On the left, there are overlapping, wavy bands of color in shades of orange, red, and yellow. On the right, a bright white light source emits a series of colorful rays in shades of blue, green, and yellow, creating a sunburst effect. The overall composition is dynamic and energetic.

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The bridge to possible

Accelerate Time-to-service for Your Data Center Assets

with Cisco Intersight automation

Pravin Kantak
Sr. Product Manager, Cisco Intersight
PSOCLD-1763

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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 9, 2023.



<https://ciscolive.ciscoevents.com/ciscolivebot/#PSOCLD-1763>

Agenda

- Introduction
- Intersight Automation benefits
- Use cases
 - Proactive RMA
 - OS Install
 - Workflow Designer
 - ServiceNow Plugins
- Key take aways
- What's next

Introduction



What does infrastructure management look like today?

Do you...



Need to deploy applications and infrastructure **faster**?



Operate infrastructure in **multiple locations** across on-premises, public cloud, or edge environments?



Face increasing difficulty identifying **security risks** in a more complex, distributed environment?



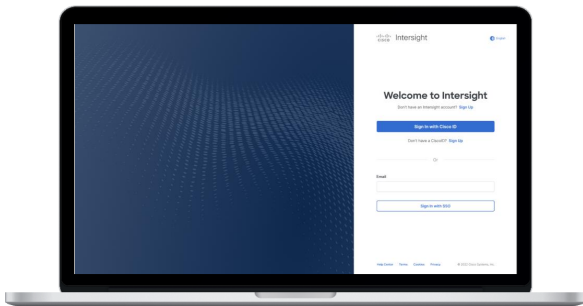
Wish you could reduce or prevent **downtime and improve sustainability goals**?

IT Operations. Simplified.

Cisco Intersight Infrastructure Service



CISCO INTERSIGHT



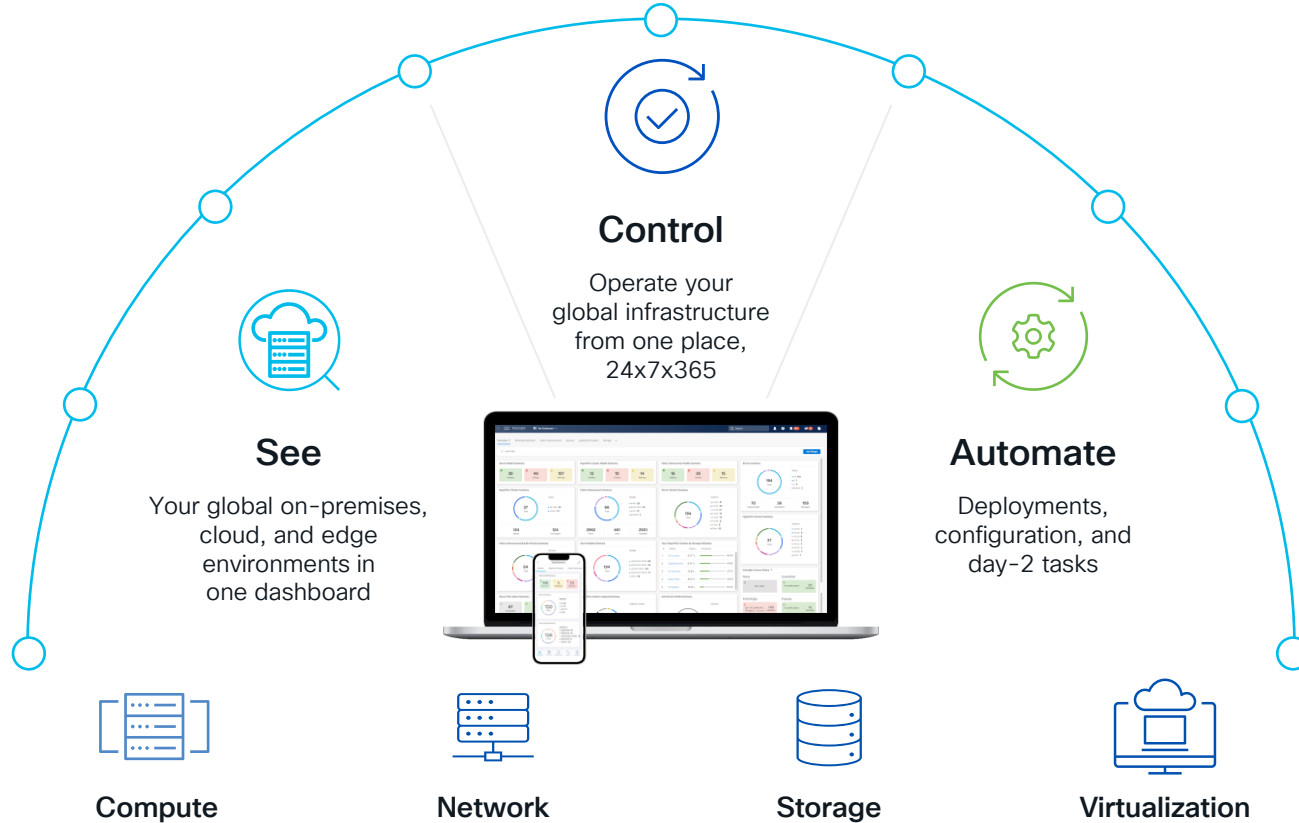
An infrastructure lifecycle management solution that helps IT operations teams see, control and automate their compute, storage and networking infrastructure

...wherever it is

From one place

Modernize infrastructure management

Cisco Intersight Infrastructure Service



Deployment options



CISCO INTERSIGHT

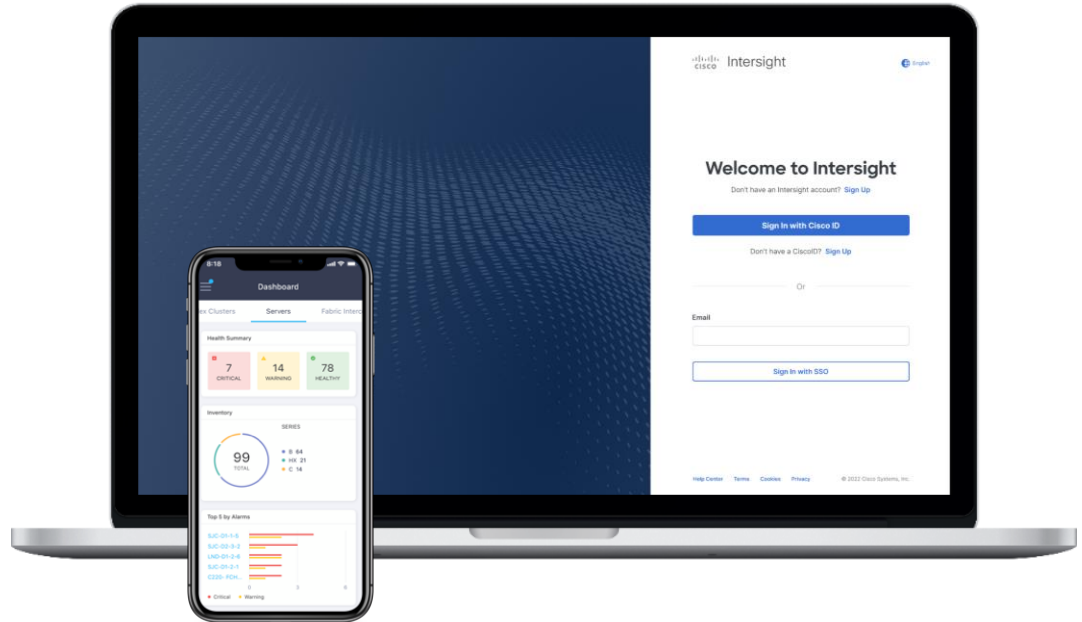
Intersight.com

- Cisco-hosted SaaS



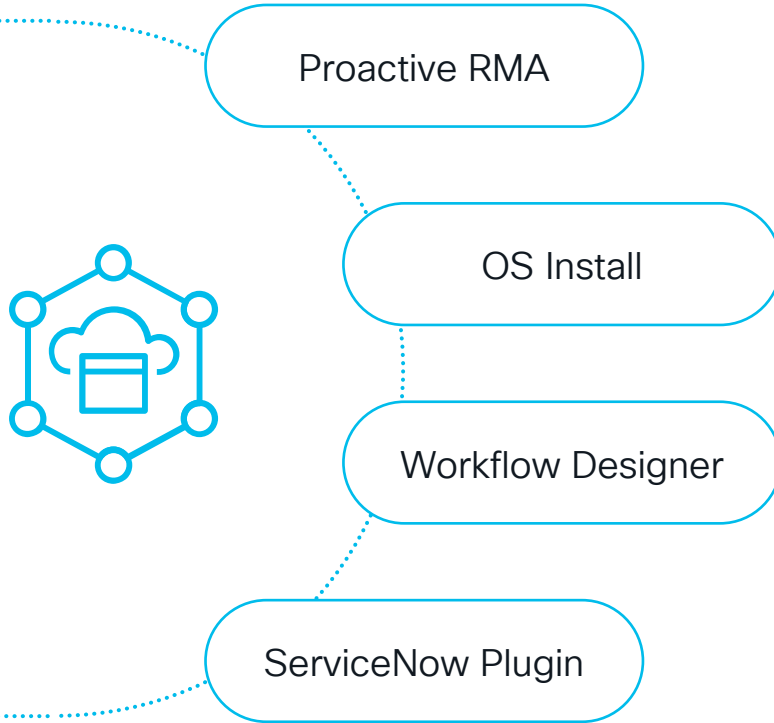
Virtual appliance

- Connected
- Private (air-gapped)



Intersight Automation

Intersight Automation Benefits



Accelerate

Accelerate time-to-service for data center assets



Standardize

Reduce operational risk with standardization



Save

Deliver OpEx savings using no/low code automation

Cisco Intersight: Proactive RMA



Issue detected on device that
can be resolved by [RMA](#)



Service Request and RMA
automatically generated



E-mail from
cisco-proactive-rma@cisco.com
with instructions for user

RMA action initiated in less than 1 hour – resolution 2 days faster

OS Install Automation

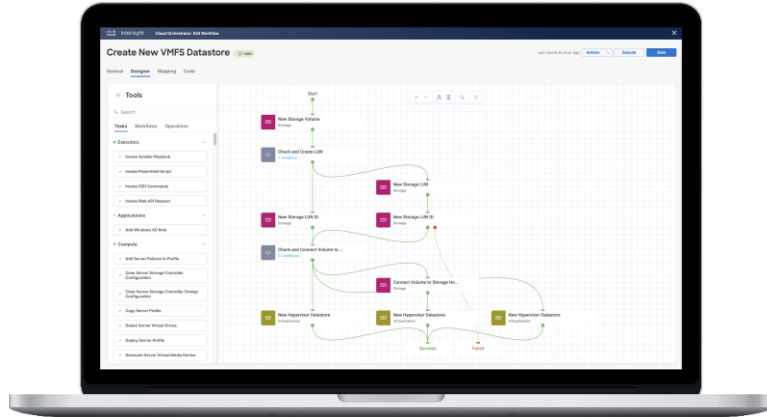
- Unattended OS Install frees up IT Ops hours per occurrence
- Standardizes Ops
- Operation can be scaled to 100s of server instances
- Wizard/Workflow/API based UX
- Cisco Certified, customizable OS installation response files
- Hardware failure protection for Apps with SAN Boot OS Install

- Tier-1 OS
 - Microsoft Windows Server
 - Red Hat Enterprise Linux
 - VMware ESXi
- Tier-2 OS
 - CentOS
 - Citrix Hypervisor
 - Oracle Linux
 - SuSE Linux
 - Ubuntu Linux

Note: Tier-1 OS new GA versions are supported Day-0 on Cisco UCS. Tier-2 OS new version is covered in follow-on Cisco UCS platform software release.

Workflow Designer

Simplify your orchestration and automation across the data center



Automate anything, anywhere

Orchestrate infrastructure and workloads across Compute, Network, Storage domains

Easy-to-use, low-code orchestration

Create and execute complex workflows with a GUI-based designer

Boost IT operations

Benefit from a library of curated tasks and workflows

Accelerate delivery of apps
and infrastructure

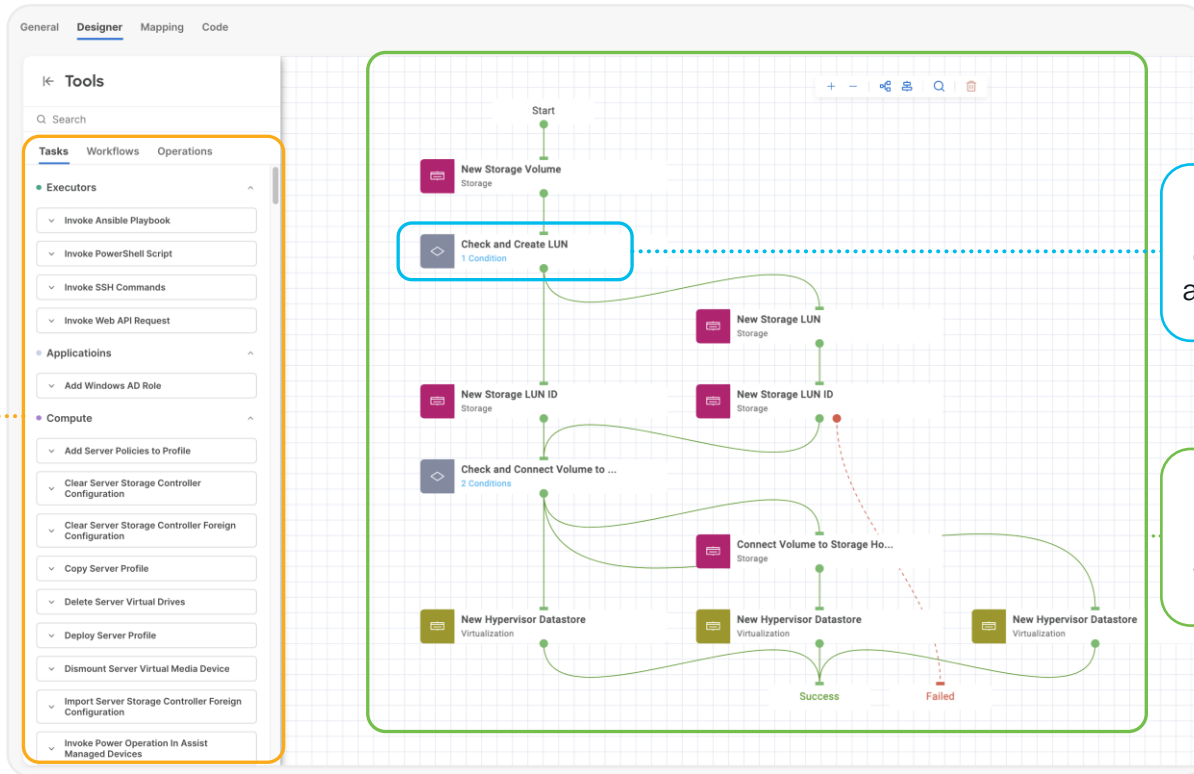
Reduce risk
with standardization

Simplify cross-domain
orchestration

Cross-domain orchestration with workflow designer

Out of the box

Accelerate hybrid IT delivery with an extensive library of ready-to-use tasks and workflows



Build to suit

Create your own custom automation and integration tasks

Simple drag-and-drop workflow authoring

Comprehensive task library

Examples

* In Future

** Cisco & Partner Delivered



Large pre-built and supported task library spanning Cisco and 3rd party devices, resources and targets.



Extensibility

- Custom workflow designer
- Custom task designer
- Auto-generated tasks



Mix and match tasks to design workflows than span across domains.



Compute

Cisco UCS, HPE ProLiant*, Dell PowerEdge*



Network

Cisco Nexus, MDS, ACI*, ASA*, LB*



Storage**

NetApp ONTAP/AIQUM, Pure Storage Purity, Hitachi Virtual Storage, DellEMC*



Virtualization & Containers

Vmware vCenter, Microsoft Hyper-V*, KVM*



Integrated Infrastructure

HX, FlexPod, FlashStack*



Extensible Automation

SSH, PowerShell, HTTP, Ansible, OpenAPI



App Automation

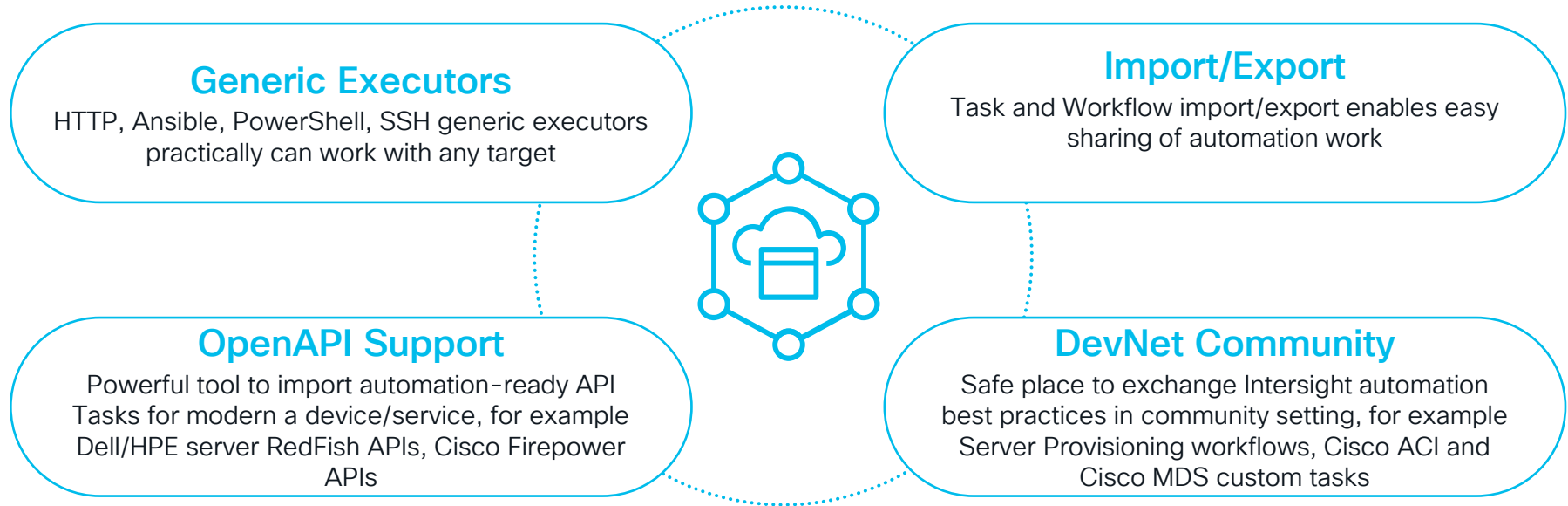
Deployment*, End-to-end Scaling*



Integration Controls

Data Transformation, Boolean logic, Iteration

Intersight – An Extensible Automation Platform



Intersight ServiceNow Plugins

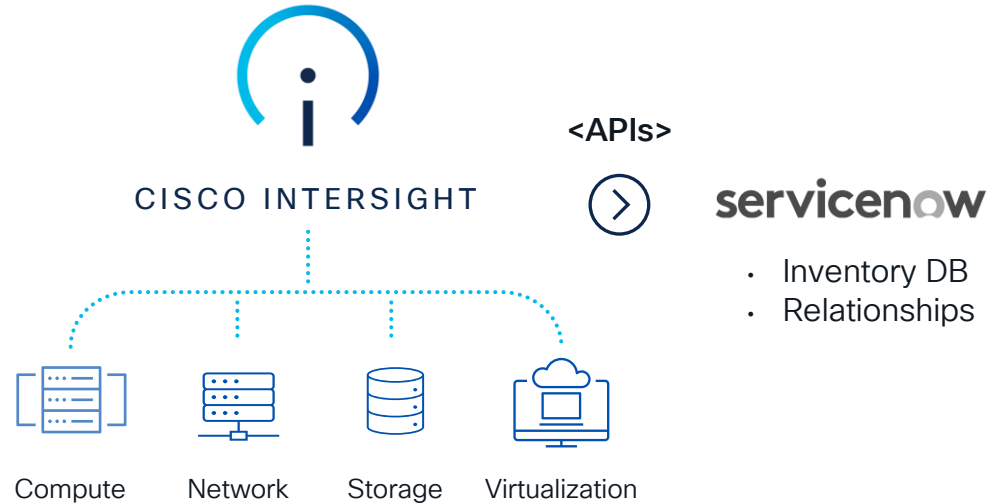
Collaboration with leading ITSM Platforms

Cisco Intersight ITSM

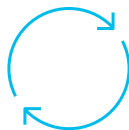
- Raise Incidents for Alarms from Intersight
- Auto Inventory collection to CMDB
- Support UCS, HX, FI

Service Graph Connector for Cisco Intersight

- Populate CMDB using Service graph
- Extends supports to Storage, Nexus, MDS Switches
- Out of the box Integration ServiceNow Apps
- Compliance with Assets, Event, Change Management modules



Key take aways



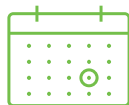
Intersight is Cisco's infrastructure lifecycle management service

- See, Control, Automate



Intersight Automation:

- Accelerates time-to-service for data center assets
- Reduces operational risk with standardization
- Delivers OpEx savings using no/low code automation



New to Intersight:

- Start your 90-day free trial today!



Already on Intersight Automation journey:

- Share and benefit from automation best practices at [Intersight DevNet Community](#)

What's next

Intersight Sessions

- **BRKCLD-2015** - Multi-Domain Orchestration is Just a Click Away with Cisco Intersight (90 mins)
- **DEVLIT-2167** - Building Custom Automation with Intersight Orchestration (20 mins)
- **BRKCLD-1010** - I built a private cloud in 4 hours, let me show you how (60 mins)

Intersight Lab

- **DEVWKS-2170** - Building Infrastructure services with Intersight Orchestration (45 mins)
- **DEVWKS-2773** - Intersight Cloud Orchestration Ansible Executor De-Mystified (45 mins)

Intersight Booth

- **IT-04** - “Simplify Data Center Ops” demo in the Simplify IT Showcase within the World of Solutions

UCS-X Booth

- **NET-22** - “Cisco UCS X-Series Modular System” demo in the Networking Showcase within the World of Solutions

Fill out your session surveys!



Attendees who fill out a minimum of four session surveys and the overall event survey will get **Cisco Live-branded socks** (while supplies last)!



Attendees will also earn 100 points in the **Cisco Live Challenge** for every survey completed.



These points help you get on the leaderboard and increase your chances of winning daily and grand prizes

Continue your education



- Visit the Cisco Showcase for related demos
- Book your one-on-one Meet the Engineer meeting
- Attend the interactive education with DevNet, Capture the Flag, and Walk-in Labs
- Visit the On-Demand Library for more sessions at www.CiscoLive.com/on-demand



The bridge to possible

Thank you

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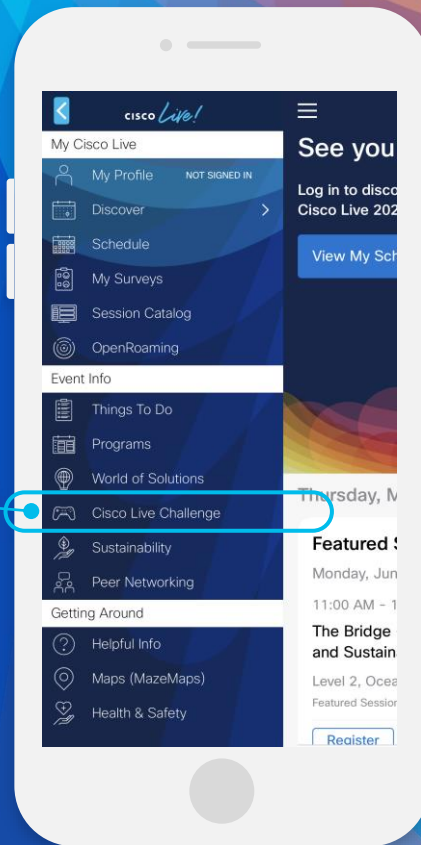
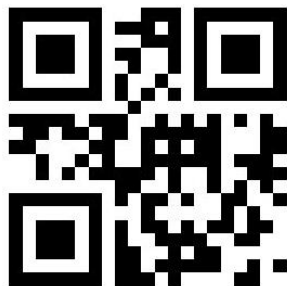
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Cisco Live Challenge

Gamify your Cisco Live experience!
Get points for attending this session!

How:

- 1 Open the Cisco Events App.
- 2 Click on 'Cisco Live Challenge' in the side menu.
- 3 Click on View Your Badges at the top.
- 4 Click the + at the bottom of the screen and scan the QR code:



The background is a vibrant, abstract graphic. It features a central bright white light source from which numerous colorful rays emanate, creating a sunburst or starburst effect. The rays transition through a spectrum of colors: yellow, orange, red, pink, purple, blue, and green. Overlaid on this are large, flowing, wavy shapes in shades of orange, red, and yellow, resembling liquid or smoke. The overall composition is dynamic and energetic.

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Let's go

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