

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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Let's go

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The bridge to possible

Leading the way to a more secure, multcloud world with Cisco

Chris Consolo, Product Marketing Manager
Network Security
PSOSEC-1008



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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 15, 2023.



<https://ciscolive.ciscoevents.com/ciscolivebot/#PSOSEC-1008>

Agenda

- Introduction
- The complex world of cloud networks
- Challenges customers face
- Cisco's solution
- Brief demo
- Q&A and closing remarks

About me



Interests

- Traveling
- Sunsets
- Scuba diving
- Motorsport / automobile enthusiast



Cars keep getting more complex ...



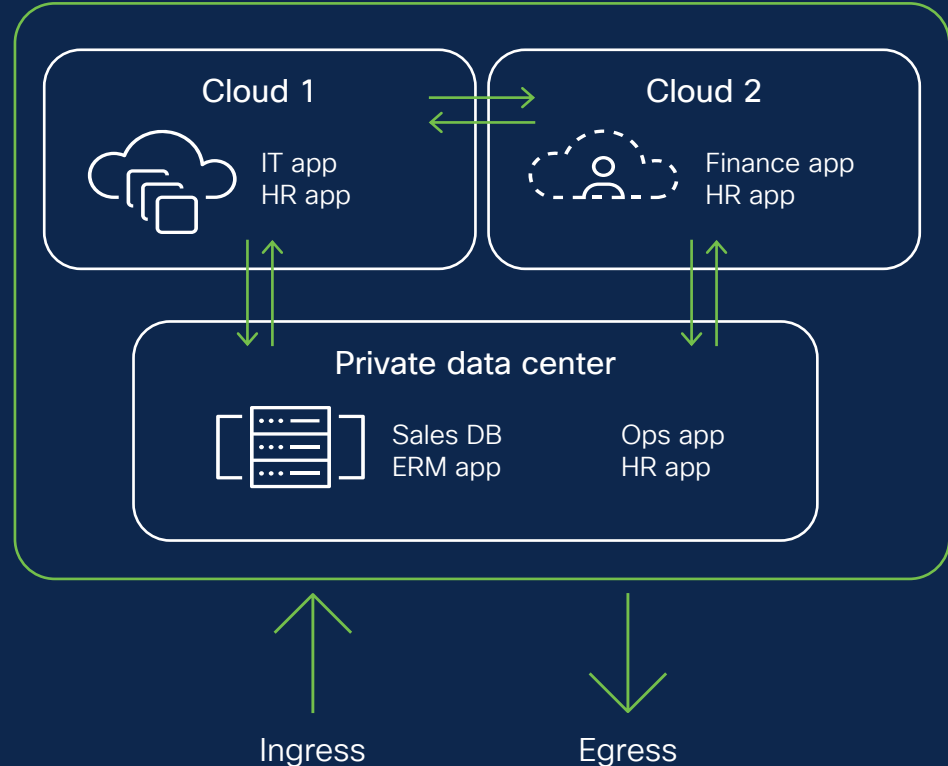
... and so does the network

82%

of IT leaders
have adopted
hybrid cloud¹

58%

of IT leaders are
deploying 2 to 3
public IaaS clouds¹



¹ 2022 Cisco Global Hybrid Cloud Trends Report

Lack of unified security controls across clouds



Clouds speak different languages

Proprietary components, nuances, native services, interfaces, and more.



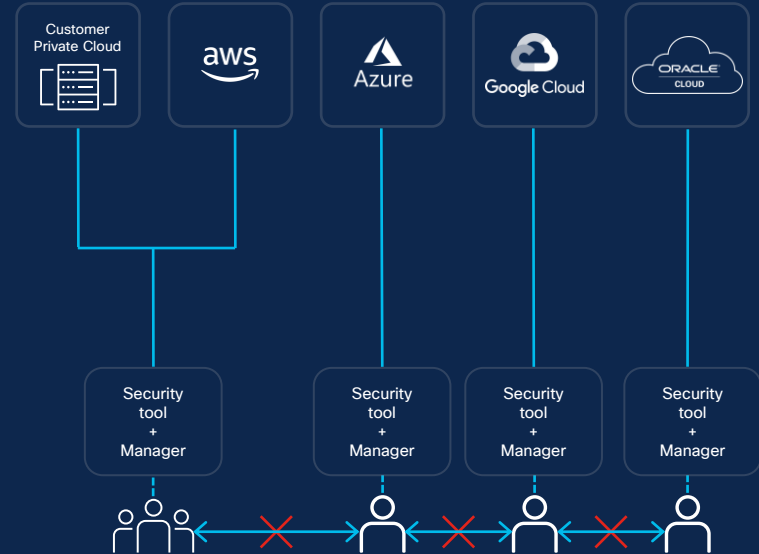
Configuring individual tools takes time

Traditional set ups increase overhead, room for error, and misconfigurations.



Automation tools have learning curves

Standing up cloud infrastructure early in journey can be difficult without specialized resources.



Point solutions add greater complexity

As more problems are solved, more tools accumulate... creating a **fragmented security stack**

Leading to **security gaps**, **silos**, and a **chair that constantly swivels**.

Your security team



- IDS /IPS
- AWS Firewall
- Azure Firewall
- AWS Firewall Manager
- Azure Firewall Manager
- 3rd party virtual firewall + manager
- Web Application Firewall
- Firewall-as-a-Service
- Cloud-native services
- DLP Solution
- Plus, more managers...

Operational inefficiency strains security teams



Complexity, learning curves, and policy alignment issues all decrease efficiency

Wouldn't it be great if you could simplify?



Simpler, unified security across clouds

Security that minimizes complexity, reducing the number of fragmented tools.



Greater visibility and control

Security that sees more across all environments and detect threats faster.



Increase operational efficiency

Security that is delivered at cloud speed and scale to keep up with business velocity.

Introducing Cisco Multicloud Defense

A single control plane with distributed enforcement points



Simplify security across clouds

Manage security in real time across AWS, Azure GCP, OCI, and private cloud with a single policy



Gain multi-directional protection

Stop threats targeting apps, block Command & Control, data exfiltration, and prevent lateral movement



Reduce risk, lower cost, realize operational efficiency

Automate underlying cloud network constructs to bring efficiency and security to your environment

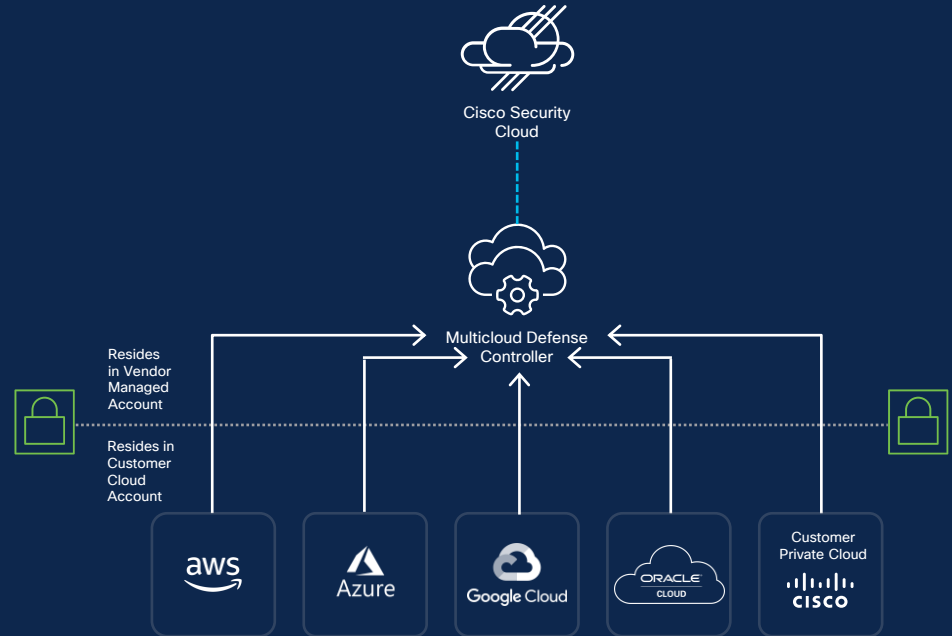
Simplify security across clouds

Achieve the full benefit of cloud economics without compromising on security

Continuous visibility: Leverage asset discovery for a real-time, topographic view of your entire network to confidently place security controls.

Full protection, single policy: Manage security across public and private clouds from a single solution.

Dynamic policy management: Keep policies updated in real time as your environments change with tag-based policy management.



Gain multi-directional protection



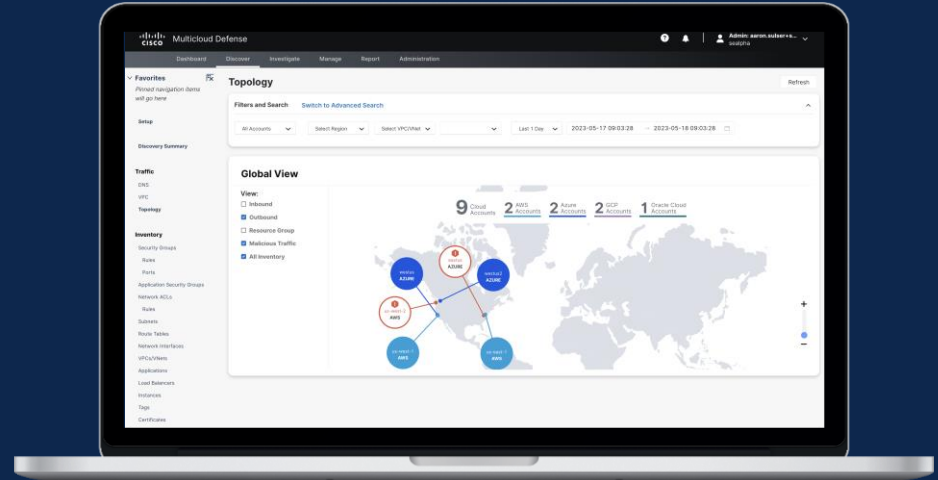
Ingress security: Stop inbound threats targeting web and non-web apps.



Egress security: Detect and block command & control, botnets, and data exfiltration.



East-West security: Reduce blast radius and protect against ransomware by mitigating lateral movement.



Reduce risk, lower cost, and realize operational efficiency

“This is way faster. Minutes versus it would take us 20 days with our current Checkpoint Virtual Appliances.”

Global Cloud Architect, Global Retail Food Manufacturer



Eliminate costly point solutions and operate consistently across clouds



Deploy faster and train less with built-in automation and orchestration



Management + policy enforcement for all clouds in a single place



Unified policy means less overhead, misconfiguration, and stress



Meet compliance needs by maintaining control of your cloud infrastructure data



Brief demo

Defense Orchestrator

Search

1

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Hide Menu

Dashboard

Multicloud Defense New

Inventory

Configuration

Policies

Objects

VPN

Events & Monitoring

Analytics

Change Log

Jobs

Tools & Services

Settings

Welcome to Cisco Defense Orchestrator

Quick Actions

Inventory & Objects

+ Onboard

Connectivity States

0 total

Configuration States

0 Synced

0 Not Synced

0 Conflict Detected

Object Issues

Object status	Number of objects
All Objects	0
Inconsistent	0
Duplicate	0
Unused	0

Site-to-Site VPN

View All Tunnels

Configure Site-to-Site VPN


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 Cisco


Defense Orchestrator


Multicloud Defense

Q Search



 1





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Hide Menu

Dashboard

Multicloud Defense New

Inventory

Configuration

Policies >

Objects >

VPN >

Events & Monitoring

Analytics >

Change Log

Jobs

Tools & Services >

Settings >

Multicloud Defense


Multicloud Defense Controller

Accounts and Assets


+ Add Accounts

Cloud Accounts


2 AWS




3 Azure



2 GCP



1 Oracle



8

Total Accounts

[View Accounts](#)

Account Resources

356

VPCs/ Vnets

597

Security Groups

377

Route Tables

703

Subnets

281

Instances

214

Load Balancers

1304

Tags

215

Applications

Enable Traffic Visibility

Enable traffic visibility on specific VPCs to allow for more insight into traffic in and out of your account.

Enable visibility

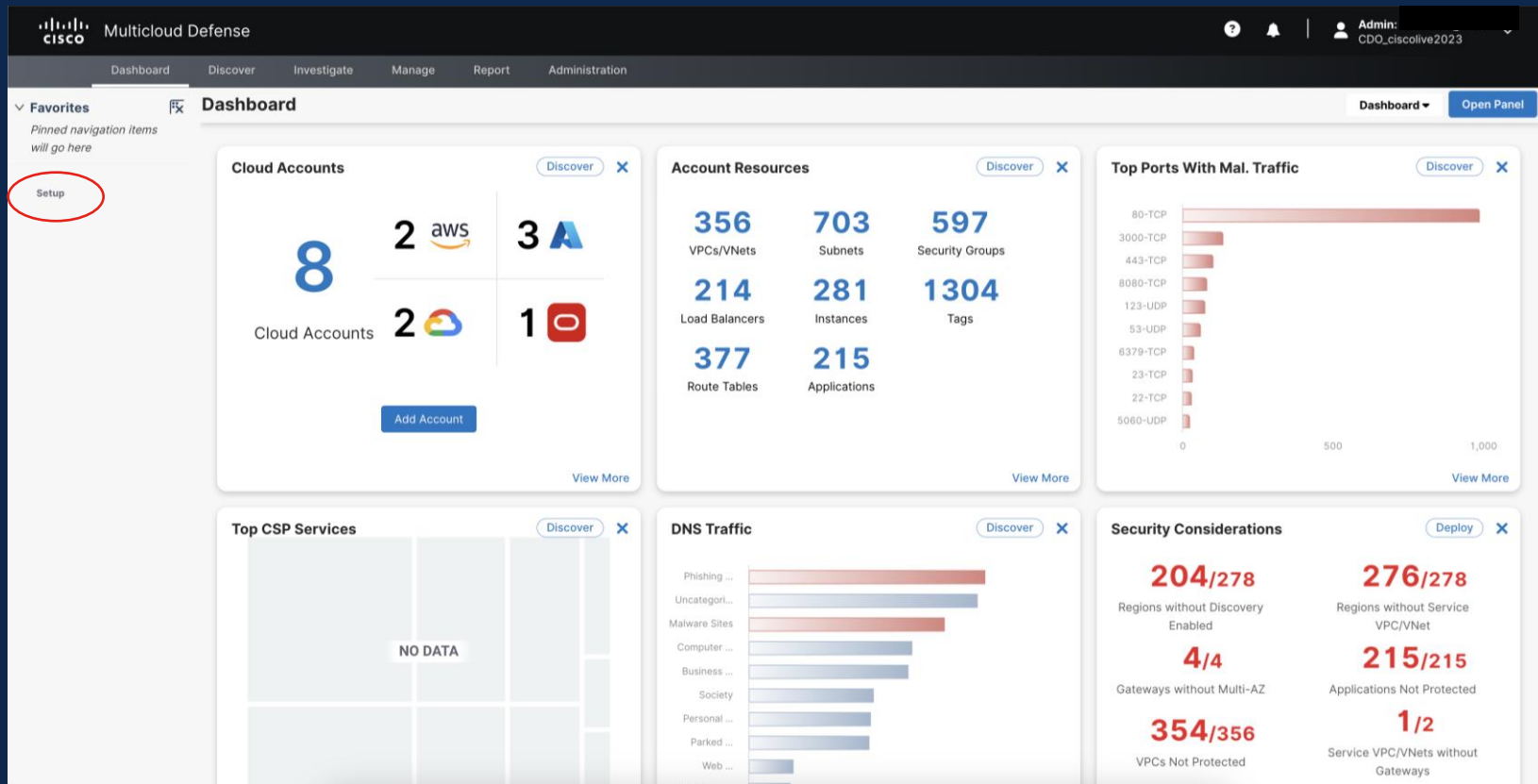
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▼ Favorites



Pinned navigation items
will go here

Setup

Setup

Valtix secures your applications in minutes by orchestrating the deployment of all security components. Let's begin securing your application by following 3 simple steps.

Step 1

Connect Account



Connect a cloud account with the Controller

Connect Account

Step 2

Enable Traffic Visibility



Enable traffic visibility on specific VPCs to allow for more insight into the traffic in and out of your account

Enable Visibility

Step 3

Secure Your Account



Setup a Service VPC and Gateway to secure your Account

Secure Account



▼ Favorites



Pinned navigation items
will go here

Setup

Select Your Cloud Account

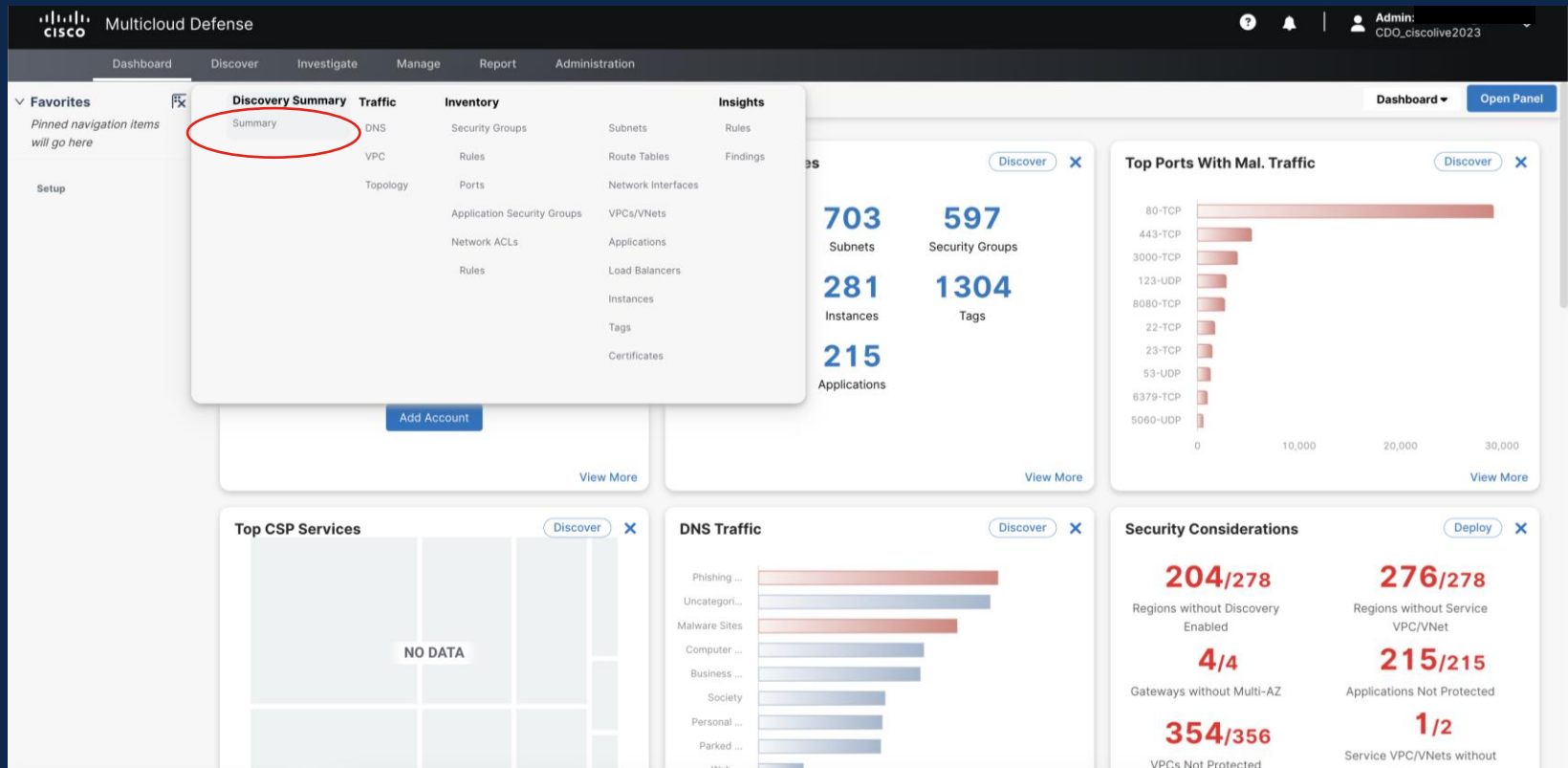
Please select Account Type you want to set up

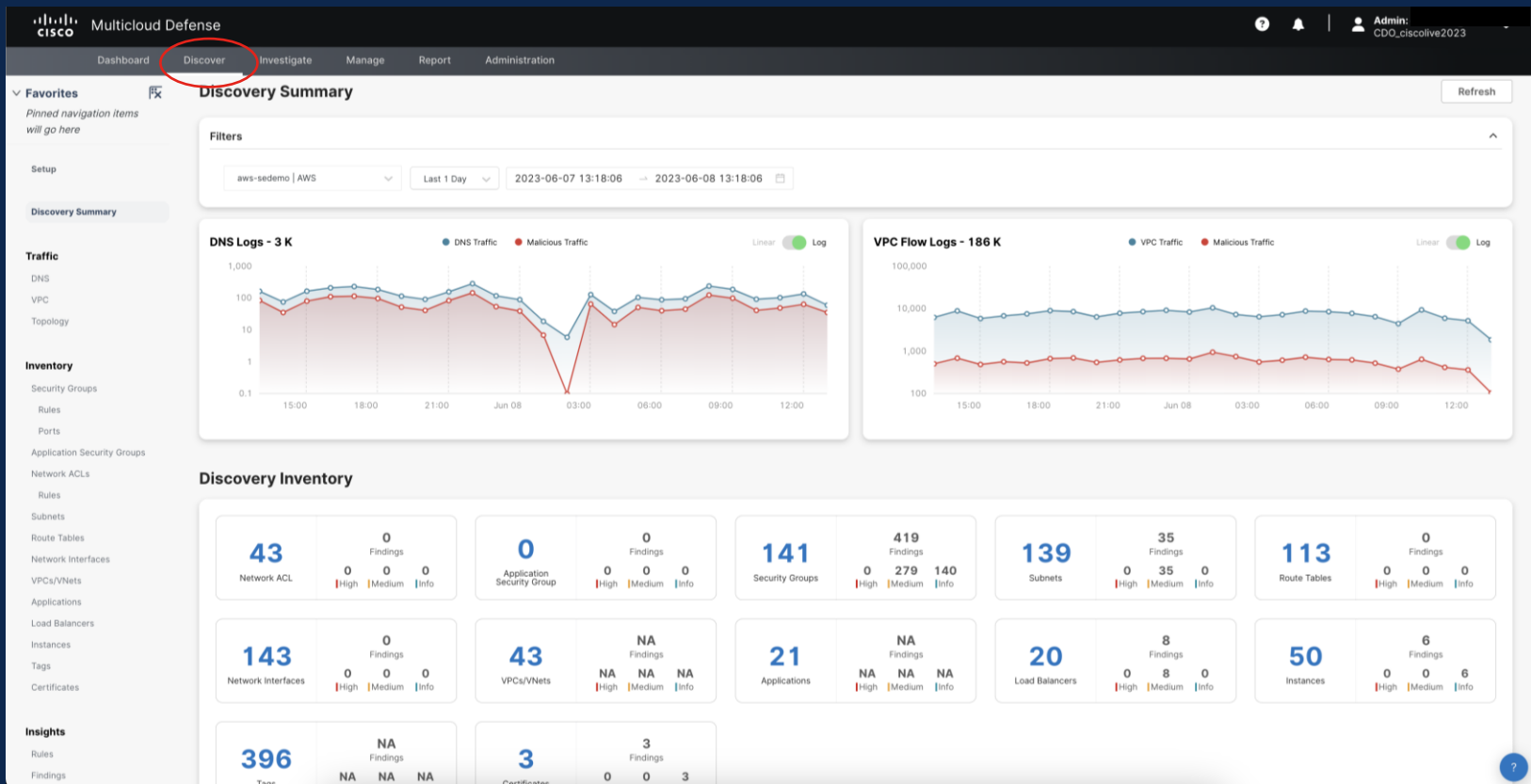
aws

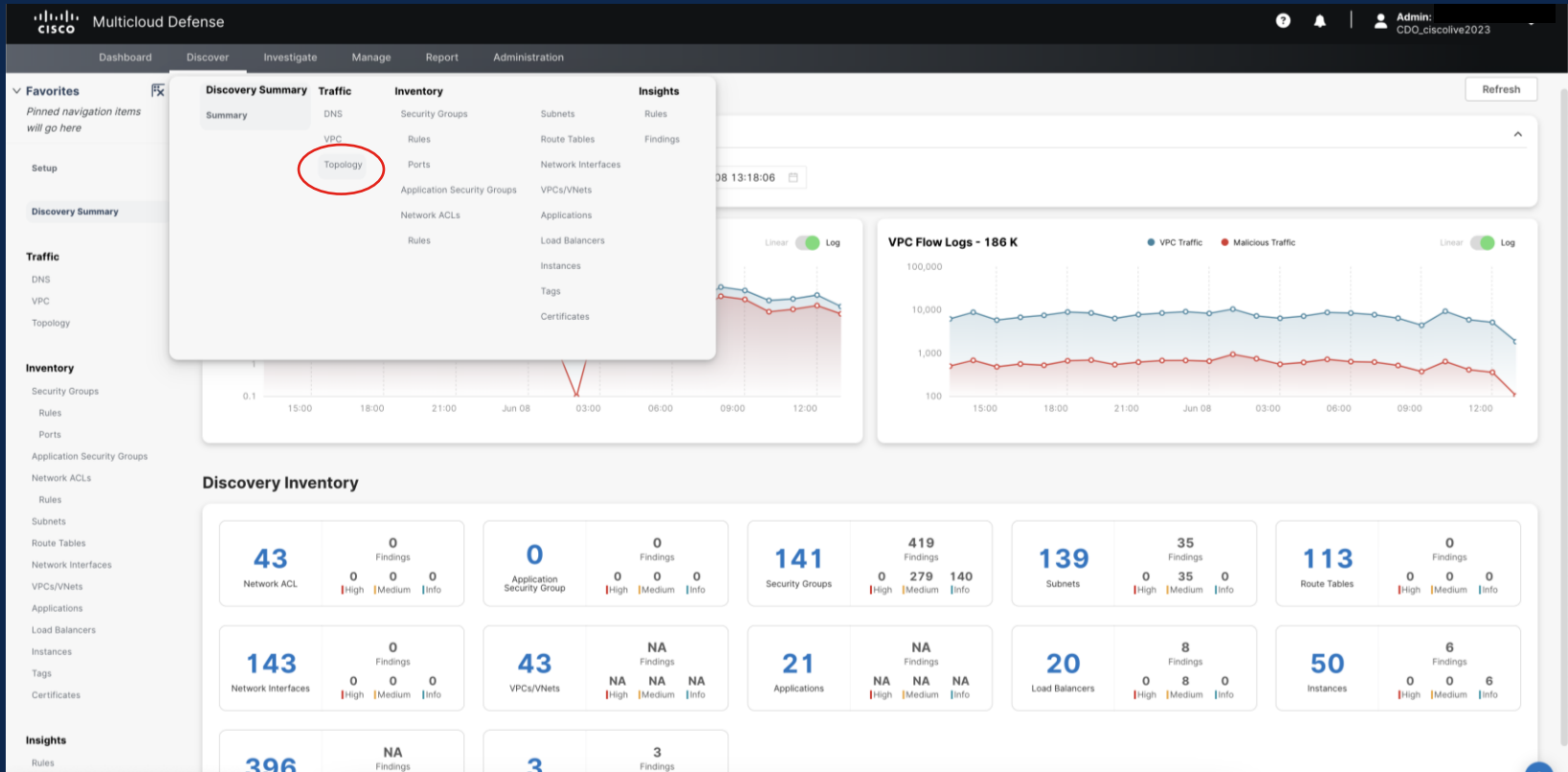


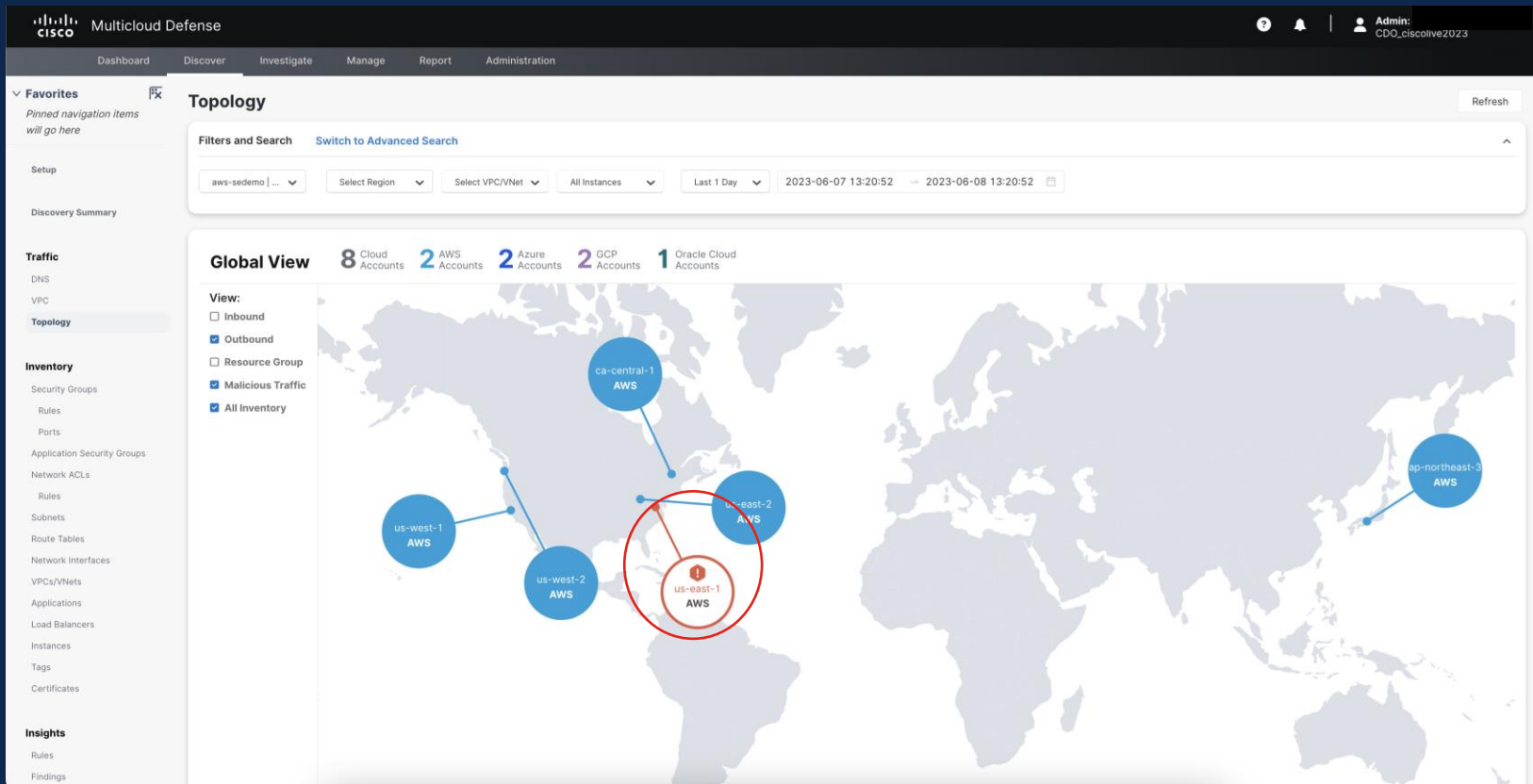
◀ GO BACK

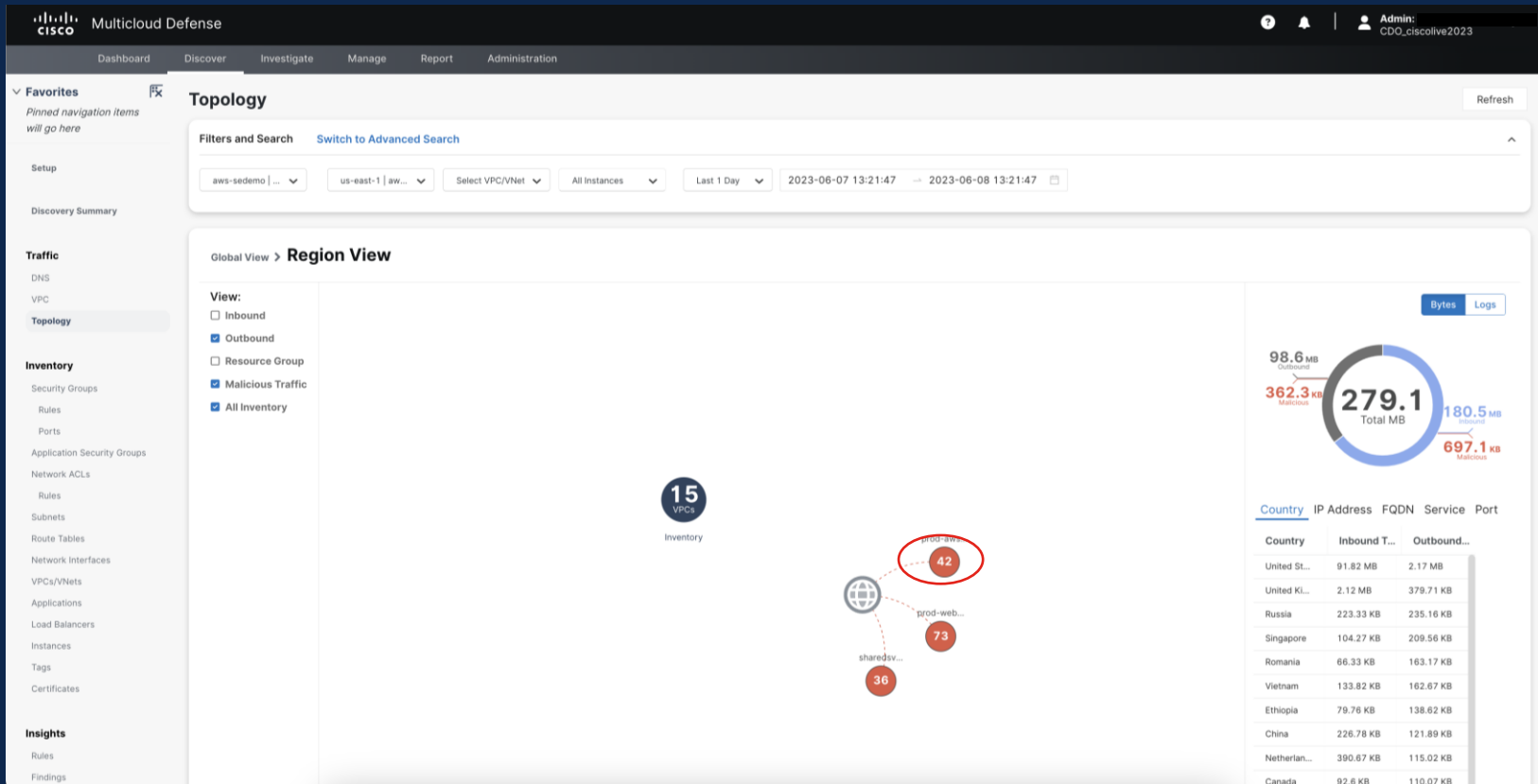
CLOSE

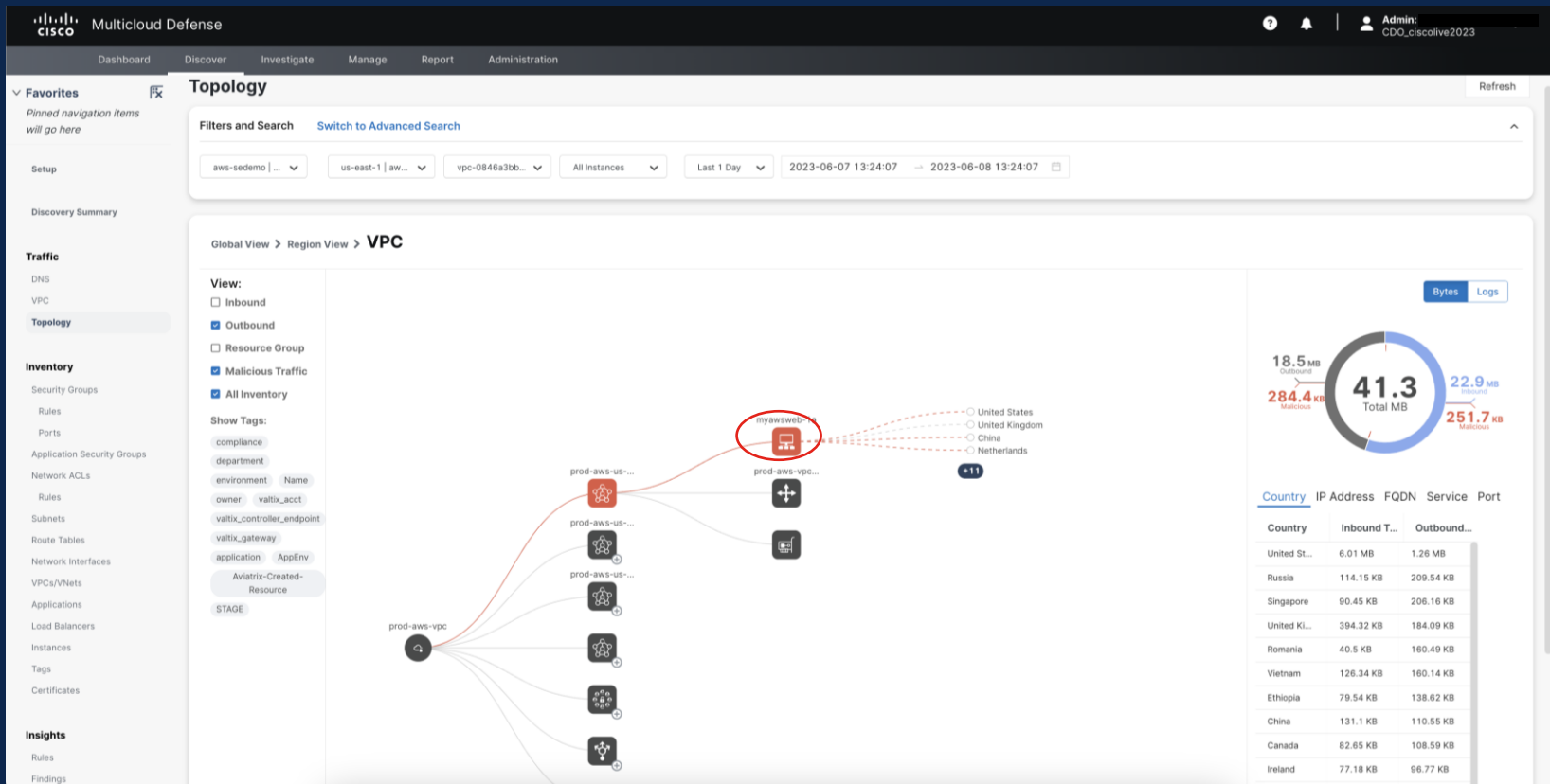












Topology

Refresh

Filters and Search [Switch to Advanced Search](#)

aws-sedemo | ... ▾ us-east-1 | aw... ▾ vpc-0846a3bb... ▾ All instances ▾ Last 1 Day ▾ 2023-06-07 13:24:07 → 2023-06-08 13:24:07

Global View > Region View > **VPC**

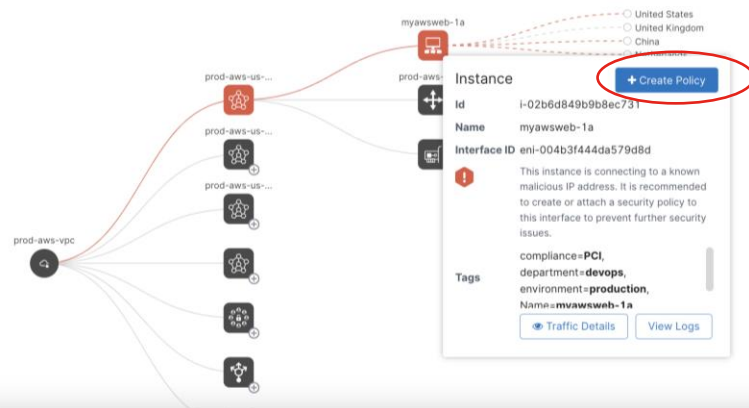
View:

- ☐ Inbound
- ☒ Outbound
- ☐ Resource Group
- ☒ Malicious Traffic
- ☒ All Inventory

Show Tags:

```
compliance
department
environment      Name
owner      valtix_acct
valtix_controller_endpoint
valtix_gateway
application      AppEnv
Aviatix-Created-Resource
STAGE
```

STAGE



Bytes Logs



Country	IP Address	FQDN	Service	Port
---------	------------	------	---------	------

Country	Inbound T...	Outbound...
United St...	6.01 MB	1.26 MB
Russia	114.15 KB	209.54 KB
Singapore	90.45 KB	206.16 KB
United KI...	394.32 KB	184.09 KB
Romania	40.5 KB	160.49 KB
Vietnam	126.34 KB	160.14 KB
Ethiopia	79.54 KB	138.62 KB
China	131.1 KB	110.55 KB
Canada	82.65 KB	108.59 KB
Ireland	77.18 KB	96.77 KB







▼ Favorites



Pinned navigation items
will go here

Setup

Flow Analytics

Traffic Summary

All Events

Firewall Events

Network Threats

Web Protection

URL Filtering

FQDN Filtering

HTTPS Logs

Network Analytics

Stats

System Status

Audit Logs

System Logs

Summary

Logs

● Total Threats - 4 ● WAF Threats - 1 ● DLP Threats - 0 ● IDS/IPS Threats - 0 ● Malicious IP Denies - 0 ● L4 Denies - 0 +

Prev Next



Event Details		Client to Gateway Connection		Application Info	Gateway to Server Connection			Action	
Date and Time	Session ID	Src IP	Dest IP	Payload App Name	Src IP	Dest IP	Protocol	Action	Ti
2023-05-25T14:00:1...	1224979...	10.0.11.1...	140.82.1...	GitHub	10.100.1.75	140.82.1...	TCP	ALLOW	0
2023-05-25T13:59:1...	1224979...	10.0.11.1...	151.101...	CNN.com	10.100.1.75	151.101...	TCP	ALLOW	0
2023-05-25T13:55:1...	1224979...	10.0.11.1...	104.22.7...					DENY	1
2023-05-25T13:53:4...	1224979...	10.0.11.1...	172.67.1...	HTTP	10.100.1.75	172.67.1...	TCP	ALLOW	0
2023-05-25T13:53:4...	1224979...	10.0.11.1...	104.22.7...					DENY	1
2023-05-25T13:53:4...	1224979...	10.0.11.1...	104.26.9...	HTTP	10.100.1.75	104.26.9...	TCP	ALLOW	0
2023-05-25T13:53:4...	1224979...	10.0.11.1...	172.67.6...					DENY	1
2023-05-25T13:50:1...	1224979...	10.0.11.1...	142.251...	TLS1.3	10.100.1.75	142.251...	TCP	DENY	2
2023-05-25T13:49:0...	1224979...	10.0.11.1...	142.251...	Google	10.100.1.75	142.251...	TCP	ALLOW	0



Why Cisco?

Only Cisco protects all your clouds
with unified security controls
delivered from a single solution

Widest integrated security portfolio
on the market

One of the largest commercial
threat intelligence teams

See Cisco Multicloud
Defense in action with
our free trial!

QR code



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 a Multicloud Defense demo
- 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

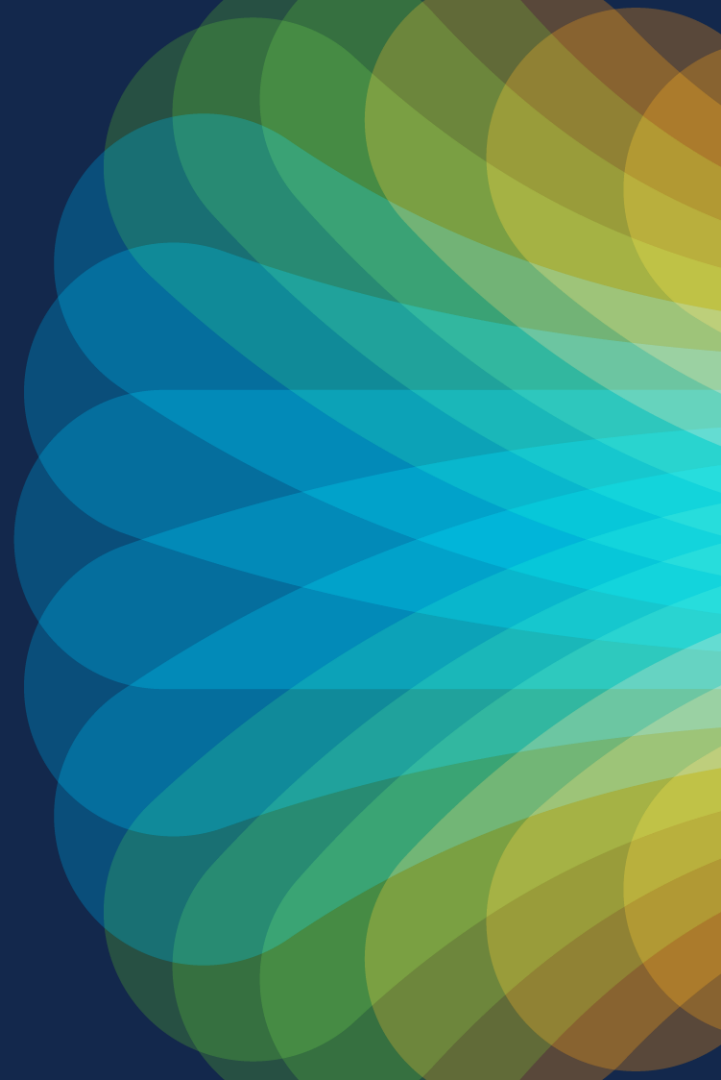


The bridge to possible

Thank you

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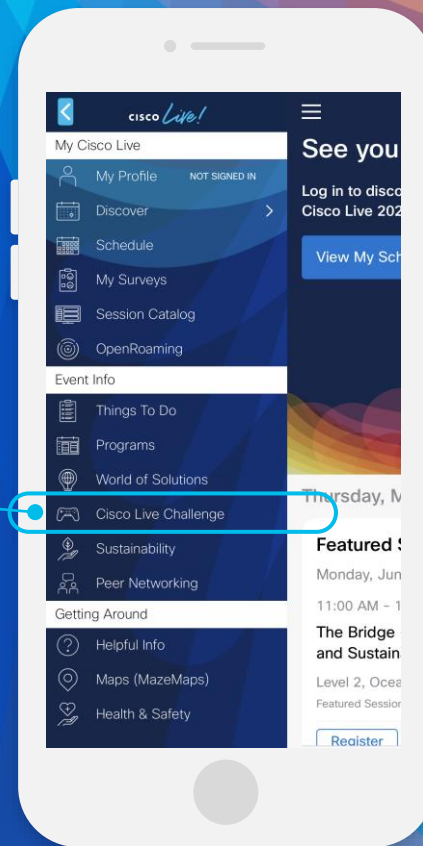


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Get points for attending this session!

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 including yellow, orange, red, and various shades of blue and green. Overlaid on this are several large, semi-transparent, wavy shapes in similar color tones, giving the overall image a sense of motion and energy.

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