

The background features a vibrant, multi-colored abstract design. On the left, there are overlapping, wavy, organic shapes in shades of red, orange, and yellow. On the right, a bright white light source emits a series of sharp, radiating lines in various colors, including blue, green, and yellow, creating a sunburst or starburst effect. The overall composition is dynamic and energetic.

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The bridge to possible

Keep your head in the clouds

And feet firmly on the ground
with Cisco Catalyst SD-WAN and AWS Cloud WAN

Vipul Shah – Senior Manager, Product Management, Cisco SD-WAN, Cisco
Shridhar Kulkarni – Product Manager, AWS VPC & Cloud WAN, AWS
PSOENT-1008

Cisco Webex App

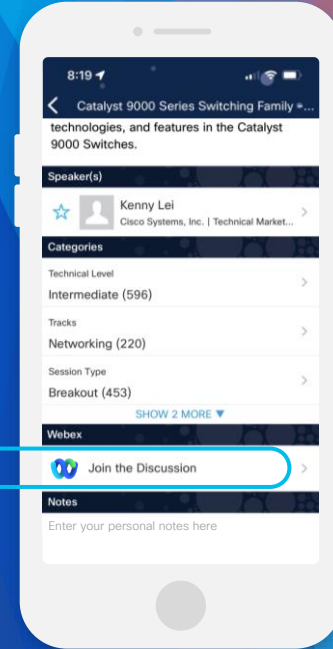
Questions?

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/#PSOENT-1008>

Agenda

1

Introduction

Cisco Catalyst SD-WAN
Cloud OnRamp

2

Introduction

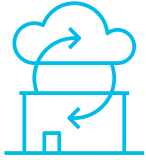
AWS Cloud WAN

3

Solution Overview

Cisco Catalyst SD-WAN
with AWS Cloud WAN

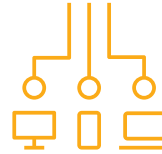
Observable cloud IT trends



Hybrid and
multicloud world



Distributed
computing



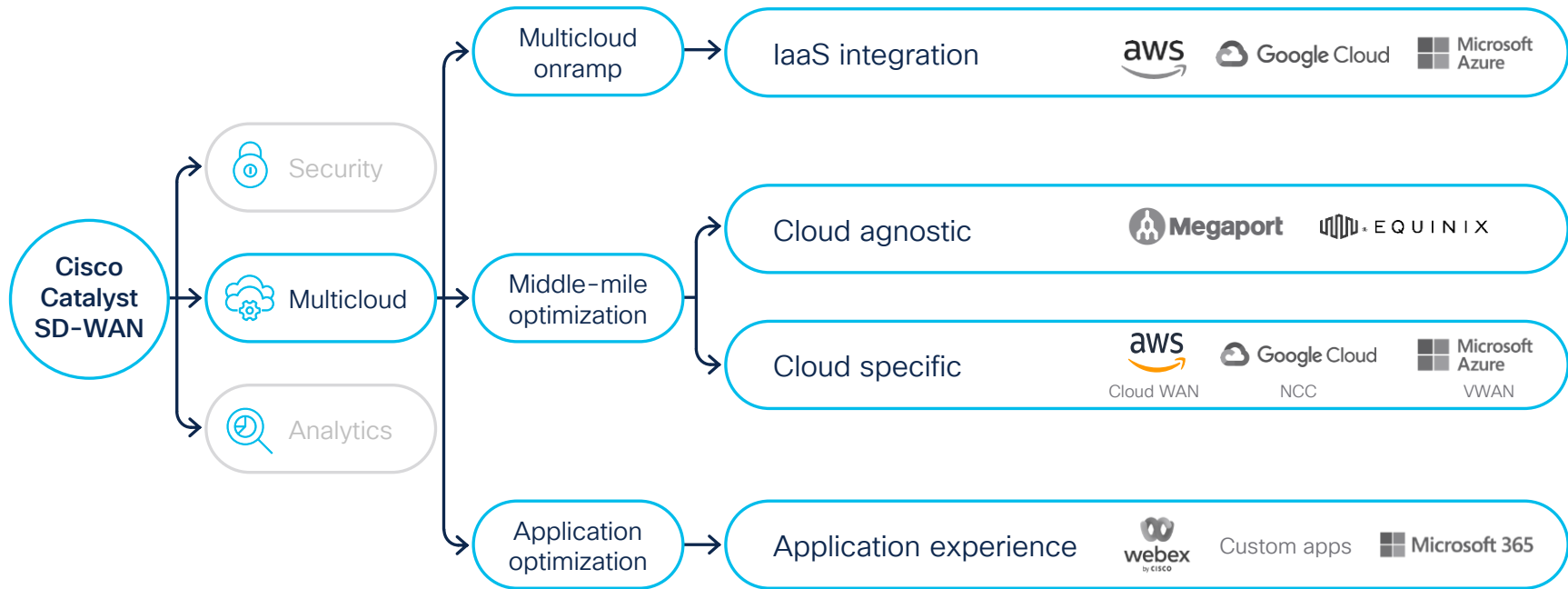
Users and
apps anywhere



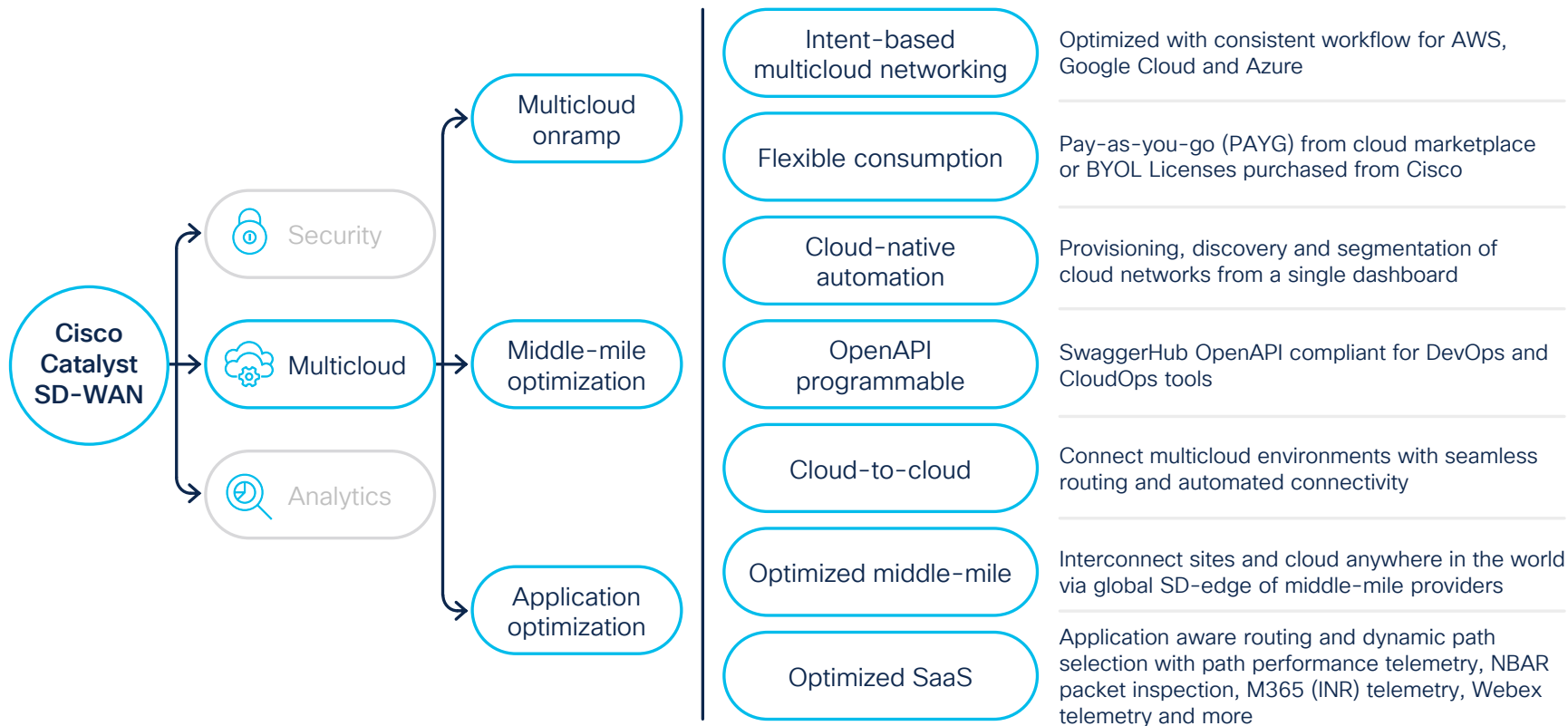
Always
about security

Business are challenged with a complex mesh of users,
data and apps spread geographically, on-premises and in the cloud

Cisco SD-WAN brings a common security and hybrid cloud fabric

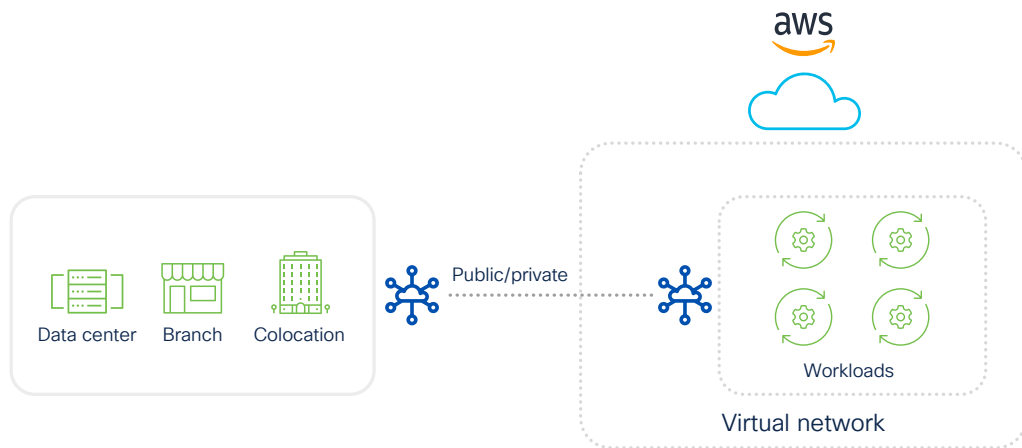


Cisco SD-WAN delivers solutions for a hybrid world



Simpler, faster, and more secure business operations

With Cisco routers built for next generation of hybrid cloud



Catalyst 8000V

Enhanced vertical scale with network optimized compute instance support

Optimized for throughput*

- 10Gbps (IMIX)
- 30Gbps (1400B)

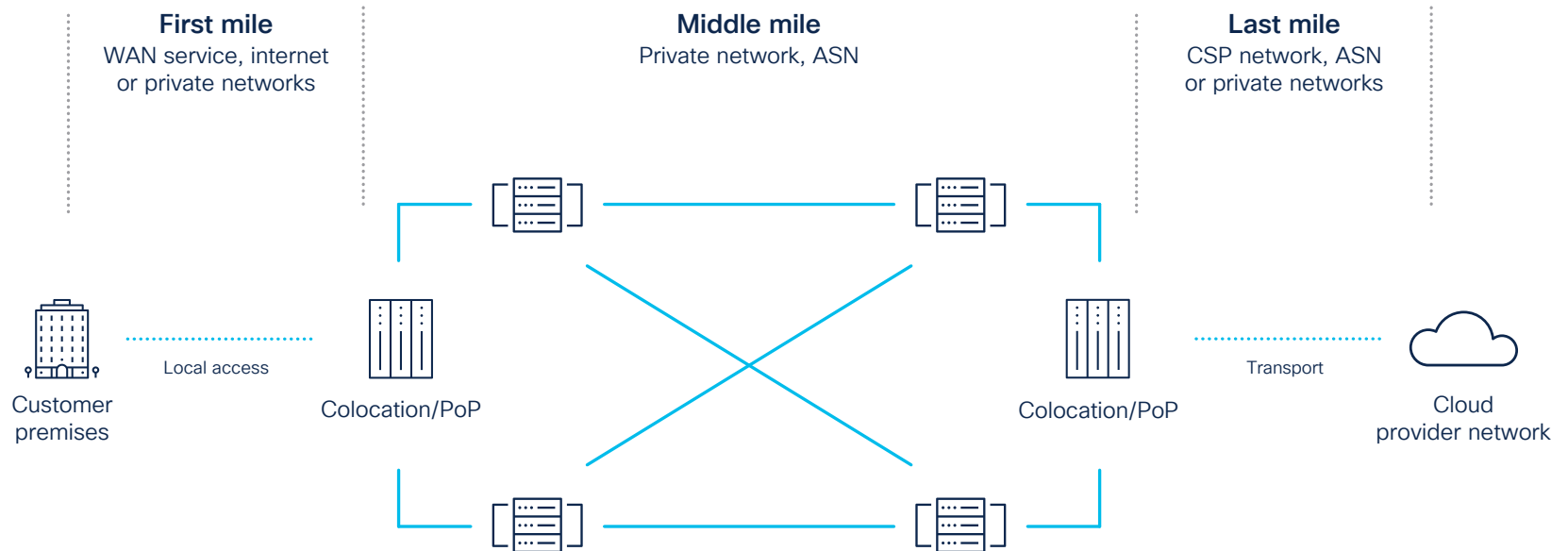


Cisco Catalyst SD-WAN cloud router – Cisco Catalyst 8000V

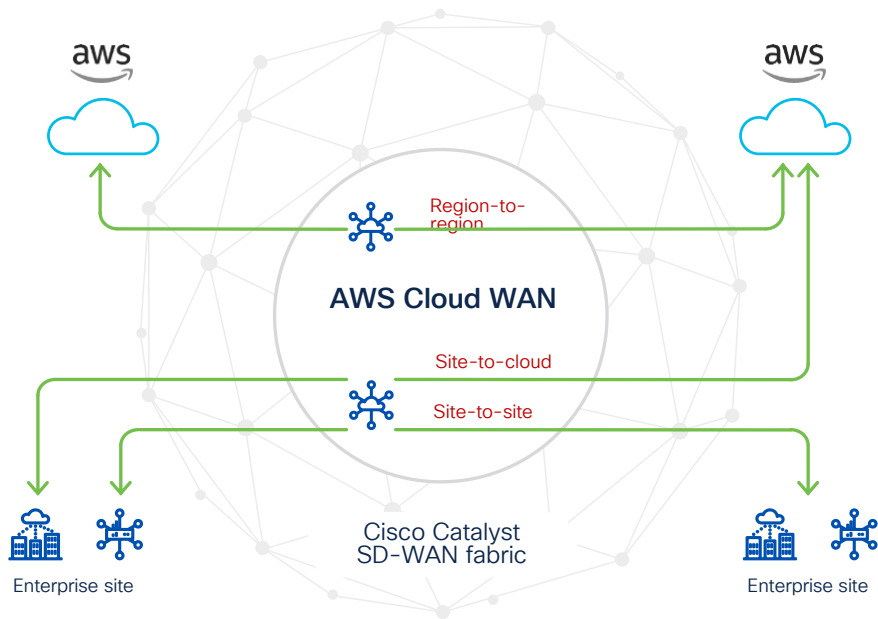
*With c5n.18xlarge instance on AWS

Over 350K+ hybrid cloud solutions deployed

Why the middle mile needs optimization



Introducing Cisco Catalyst SD-WAN middle-mile optimization with AWS Cloud WAN



Global fabric, on-demand!



Secure access to AWS cloud workloads



Co-innovated to maximize performance



Unified experience for NetOps and CloudOps



Cisco Catalyst SD-WAN cloud router



Cisco Catalyst SD-WAN router on-premises

Introducing AWS Cloud WAN



Networking Shift

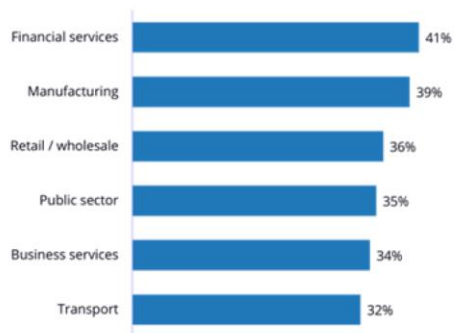
As moves the Data Center – So moves the connectivity



CLOUD PROVIDER BACKBONE AS

Plans to Use Cloud Provider Backbones for WAN by Industry

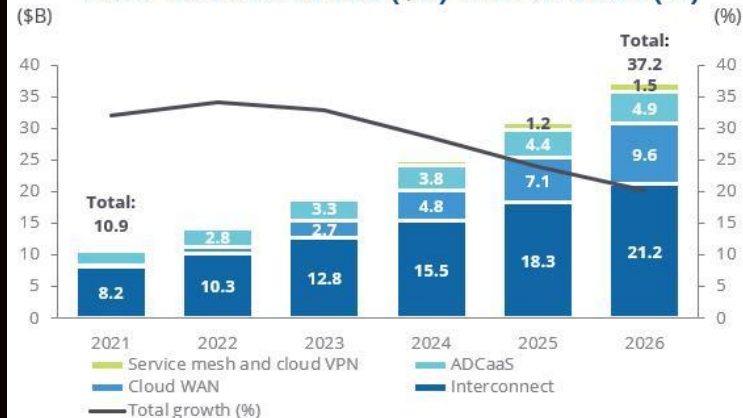
Q. Which of the following statements describe your organization's plans for your WAN over the next 12 months? ["We will leverage the private fiber networks of major public cloud providers (e.g., AWS) as an important part of our WAN"]



n = 1,305 European organizations

Source: IDC's European Enterprise Communications Survey, 2021

2021-2026 Revenue (\$B) with Growth (%)



Selected Segment Growth Rate

- ▲ Cloud WAN CAGR 112.3%
- ▲ Service mesh and cloud VPN CAGR 37.5%
- ▲ Interconnect CAGR 21.1%
- ▲ ADCaaS CAGR 17.5%

Total Market CAGR
27.9%

The AWS Global Backbone

Global network:

Redundant 400GbE network and private capacity to 31 regions, 99 AZ and 450+ POP locations

Direct Connect:

You can connect to every AWS Region from over 115 AWS Direct Connect PoPs worldwide



AWS Cloud WAN

BUILD MANAGE AND MONITOR GLOBAL WIDE-AREA NETWORKS



Build global
networks in
minutes
using the AWS
backbone



Simplify WAN
deployments
and visibility



Centralize
traffic
segmentation
policy

Cloud WAN in action

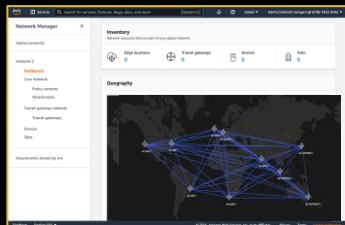
Monitoring using Network Manager + CloudWatch



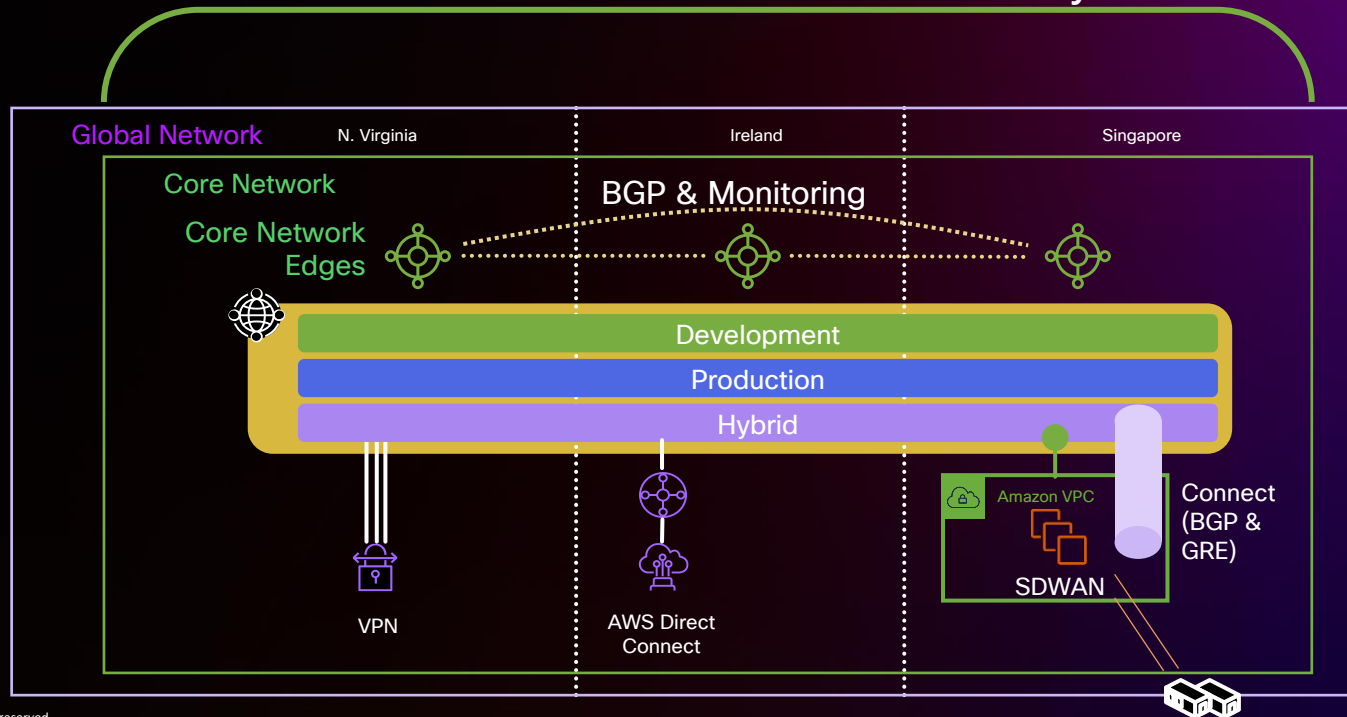
Core Network Policy

Dashboard

- Topology
- Policy configuration
- Routing information
- Events
- Performance monitoring



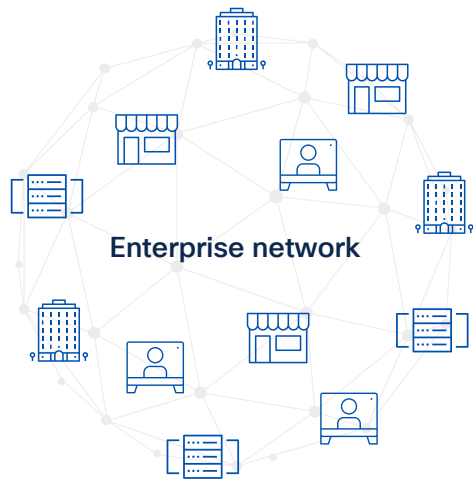
AWS Network Manager



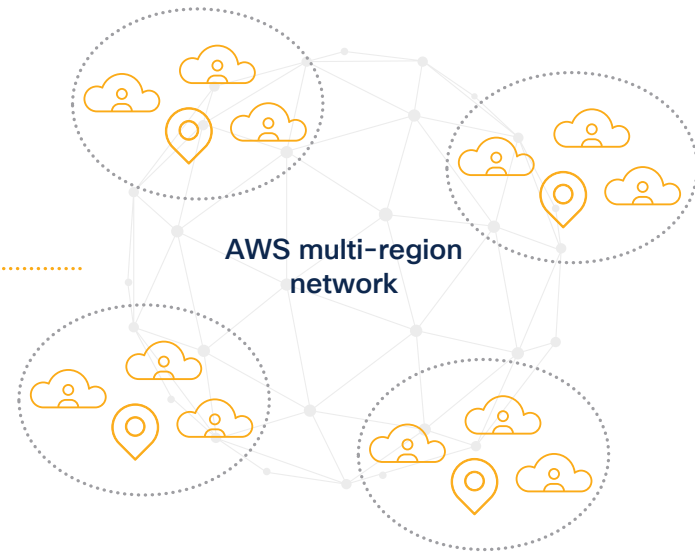
Solution Overview

Cisco Catalyst SD-WAN with AWS Cloud WAN





Enterprise network

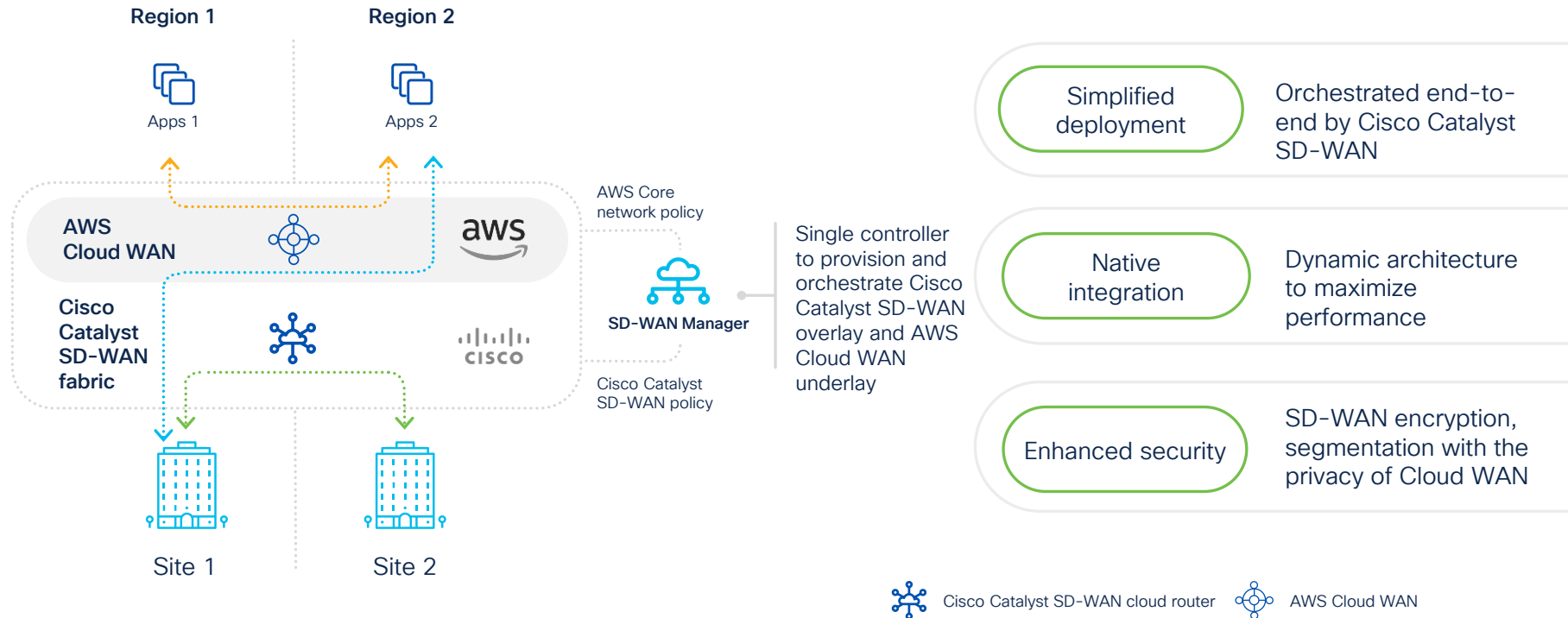


AWS multi-region network



Cisco Catalyst SD-WAN with AWS Cloud WAN

A declarative, intent-based solution



Unified value of Cisco Catalyst SD-WAN with AWS Cloud WAN





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or
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or

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aws_cisco_sdwan@cisco.com

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- **BRKENT-2283 Session**
4 steps to unify Multi-Cloud Connectivity and Design with Cisco SD-WAN principles
[Wed. Jun 7 - 10:30 AM - 12:00 PM PDT](#)
- **INTCLD-1101 Innovation Talk Session**
Streamlining Global Cloud Experiences
[Wed. June 7 - 4:00 PM - 5:00 PM PDT](#)
- Visit Cisco NET09 in World of Solutions for demo
- **AWS Booth #5906 for Demo and Theater sessions**
 - [Mon. June 5 - 3:00 PM - 3:20 PM PDT](#)
 - [Tue. June 6 - 12:00 PM - 12:20 PM PDT](#)
 - [Wed. June 7 - 3:00 PM - 3:20 PM PDT](#)
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Register Here



Streamlining Global Cloud Experiences

Innovation Talks - Level 2, Mandalay Bay IJ

Wednesday 4:00 p.m. - 4:45 p.m.

JL Valente, VP, Product, Enterprise Routing
and SD-WAN

Robert Kennedy, VP, Border Network
Engineering, AWS

Colin Bannon, CTO, BT Business, British Telecom

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



The bridge to possible

Thank you

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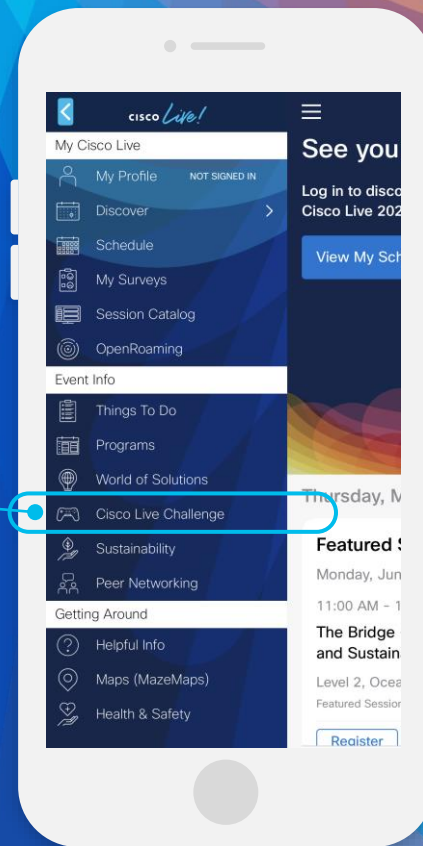
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Get points for attending this session!

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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