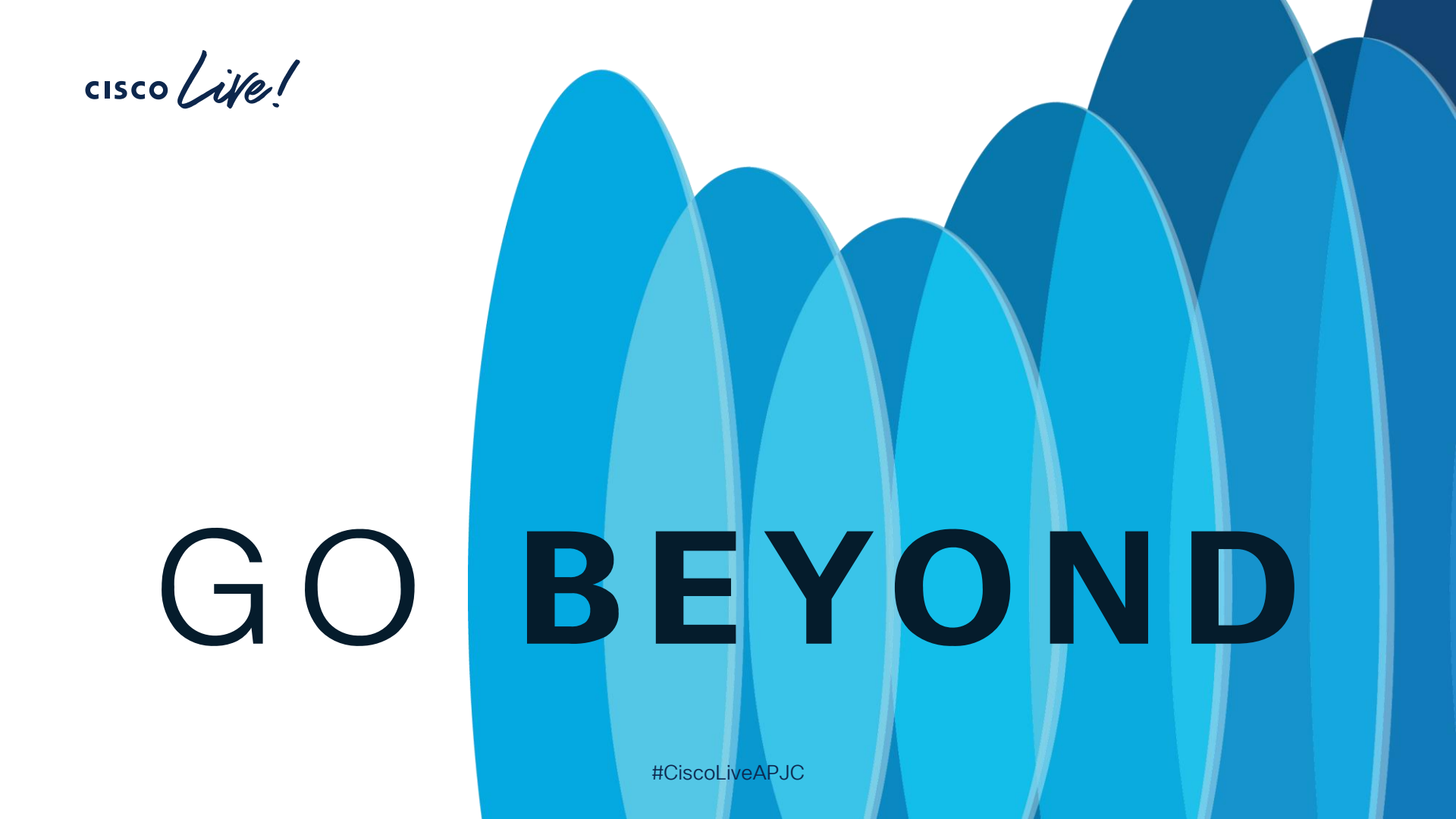

cisco Live!
GO BEYOND
#CiscoLiveAPJC

Cisco Catalyst and Meraki SD-WAN – The Power of One

Instructor Led Lab

Juan Sterbenc, Solutions Engineer

LTRENT-1423

Cisco Webex App

https://ciscolive.ciscoevents.com/ciscolivebot/#LTRENT-1423

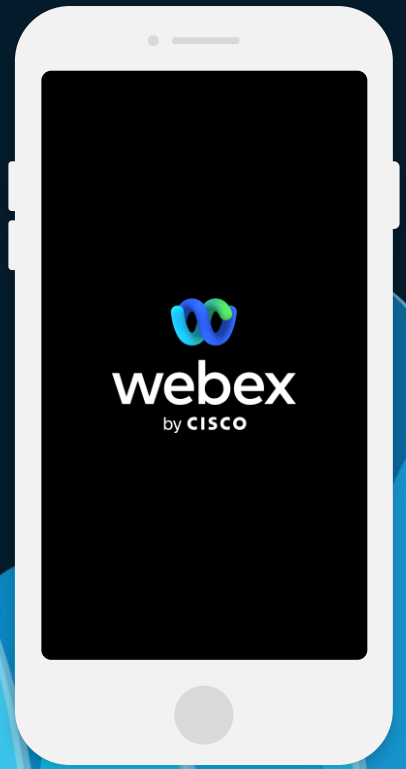
Questions?

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 November 15, 2024.



cisco Live!

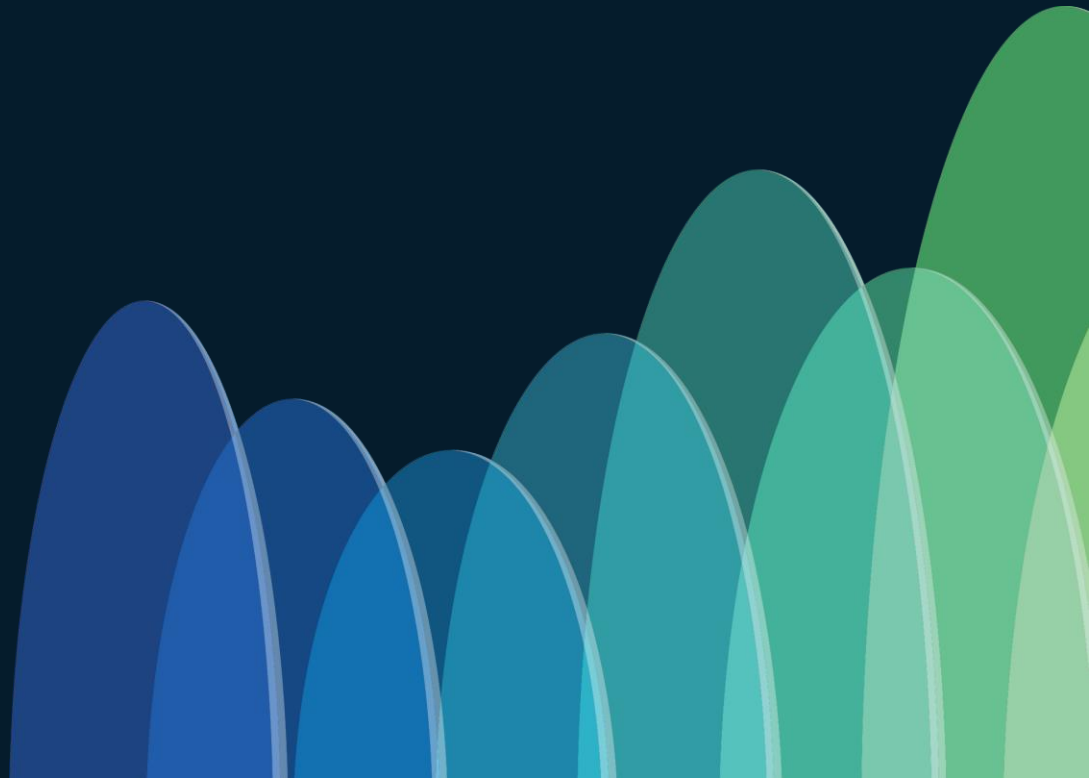
© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

Agenda

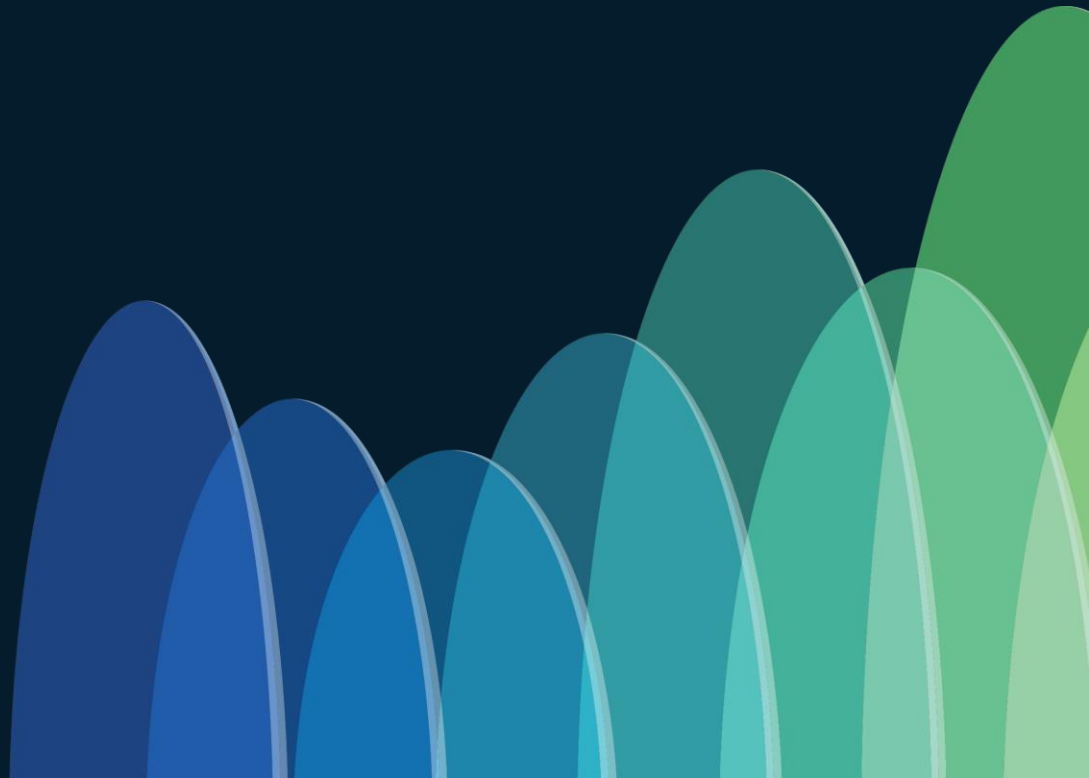
- Introduction
- Cisco Catalyst SD-WAN
- Cisco Meraki SD-WAN
- AWS Networking
- Lab Guide Overview
- Lab Time!

© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

Introduction



Cisco Catalyst SD-WAN



cisco Live!

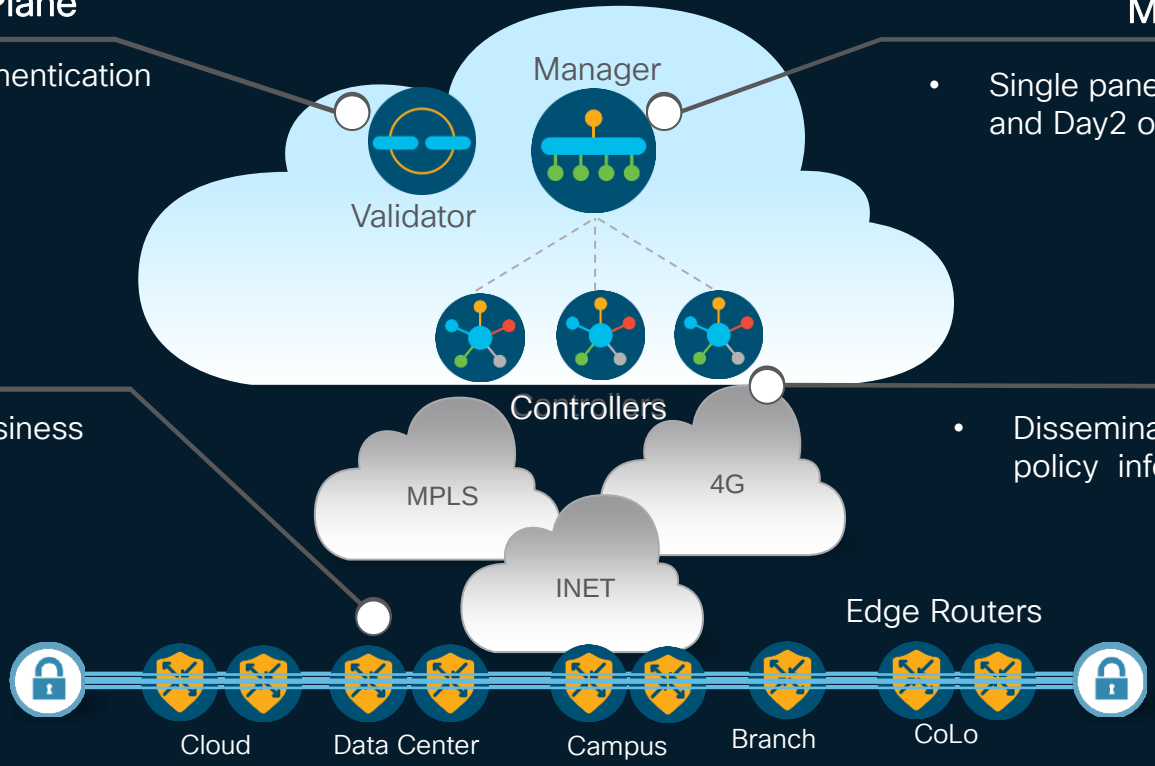
Cisco Catalyst SD-WAN Architecture

Orchestration Plane

- First point of authentication

Management Plane

- Single pane of glass for Day0, Day1 and Day2 operations



Data Plane

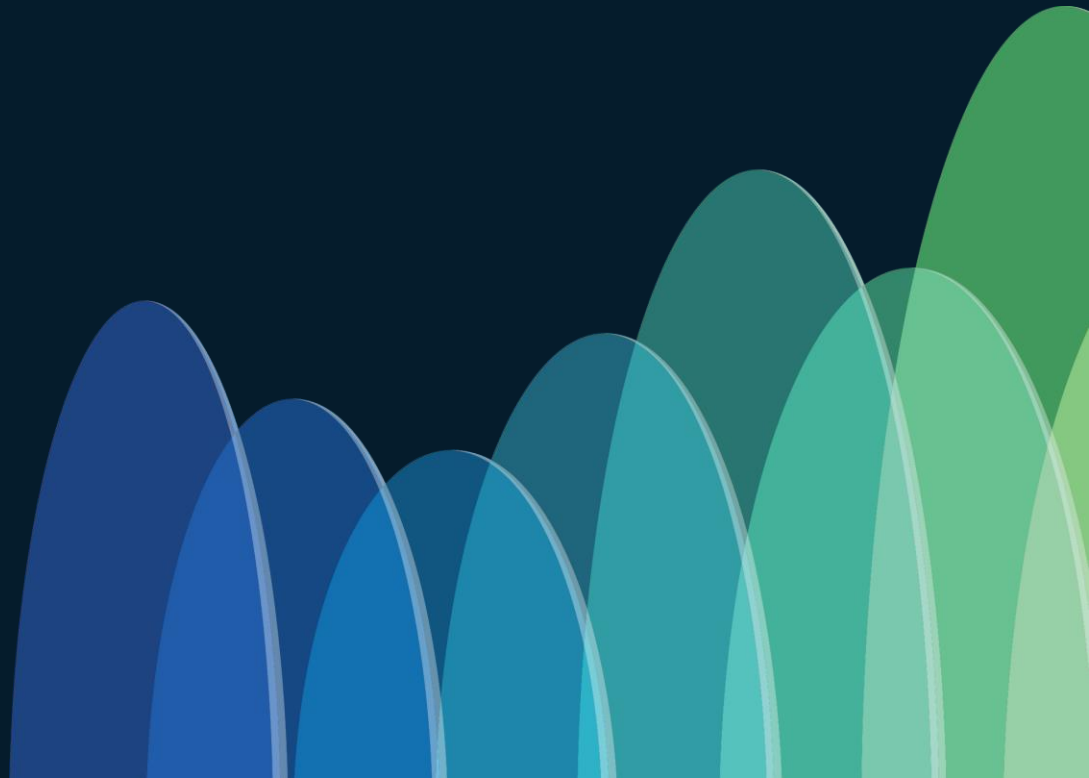
- Implements business intent policies

Control Plane

- Disseminates control plane and policy information between Edges

© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

Cisco Meraki SD-WAN



cisco Live!

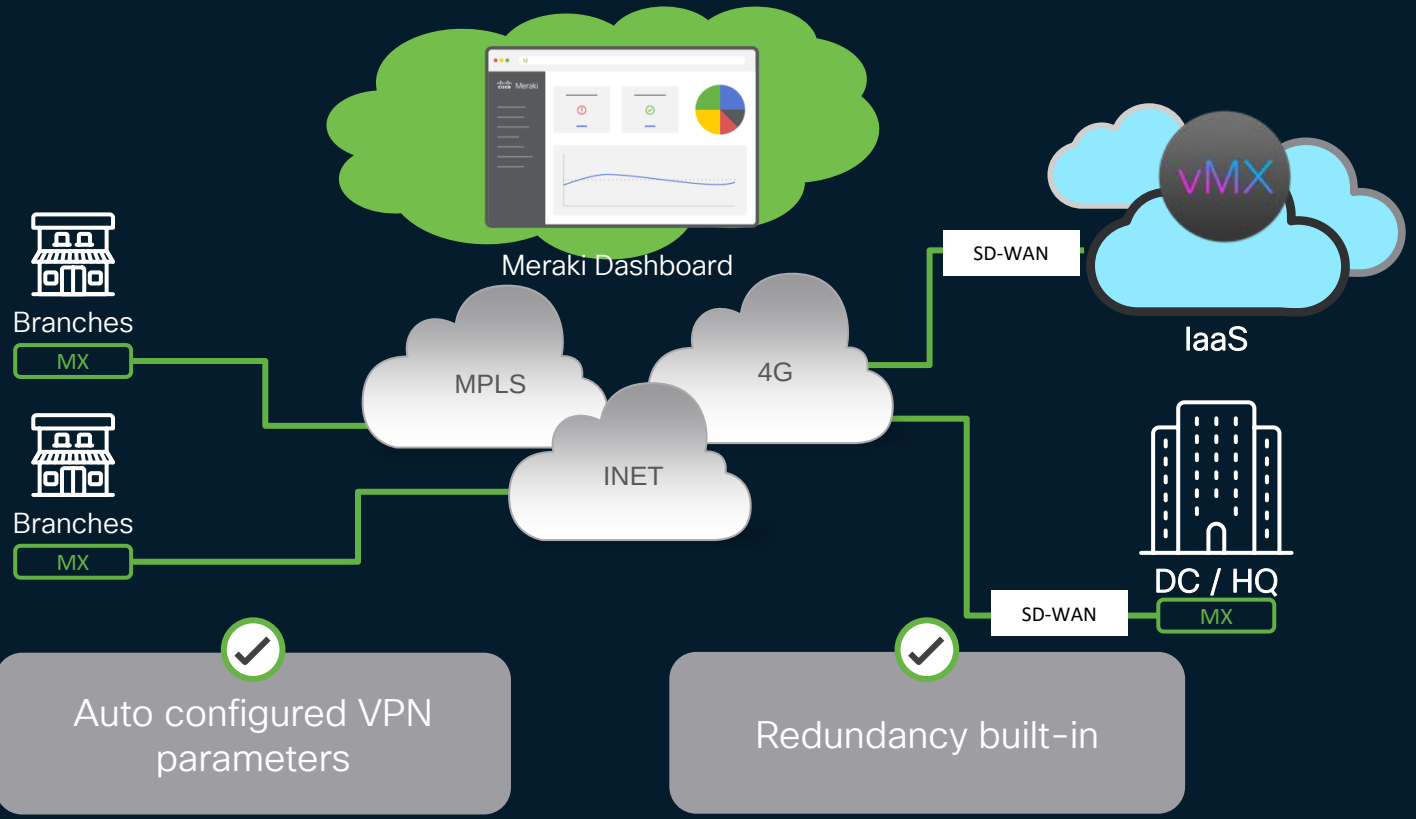
Cisco Meraki SD-WAN Architecture

Three-Click AutoVPN

1- Chose Topology

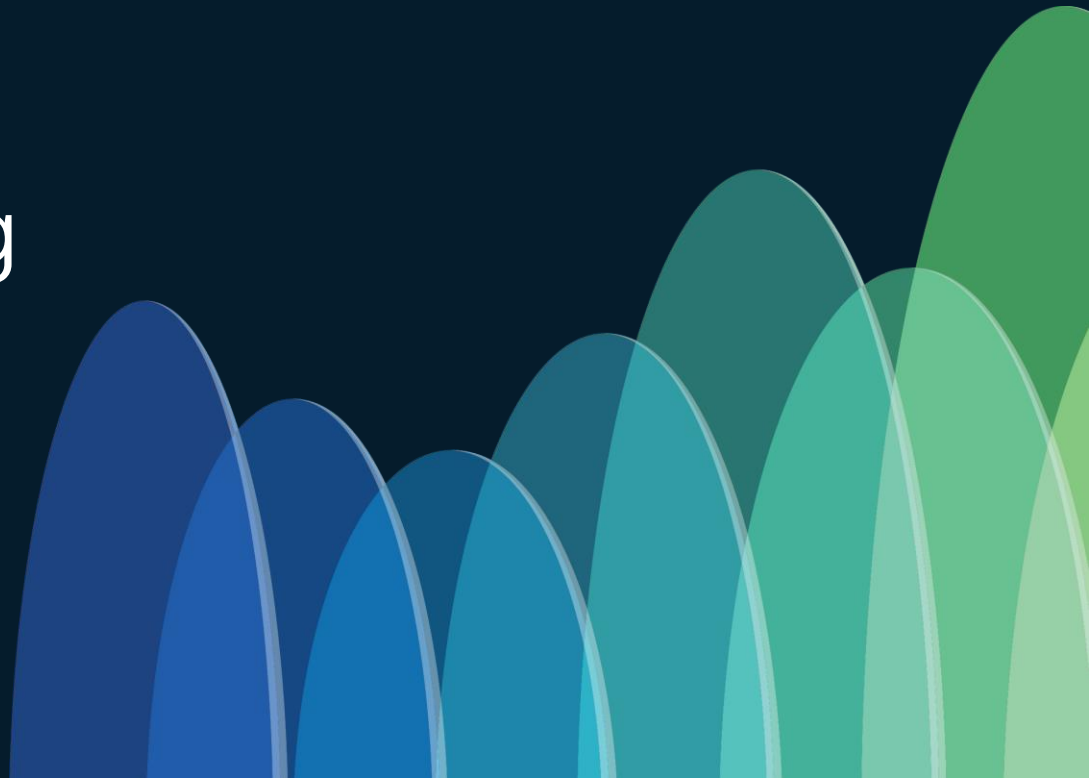
2- Add Hubs

3- Save



© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

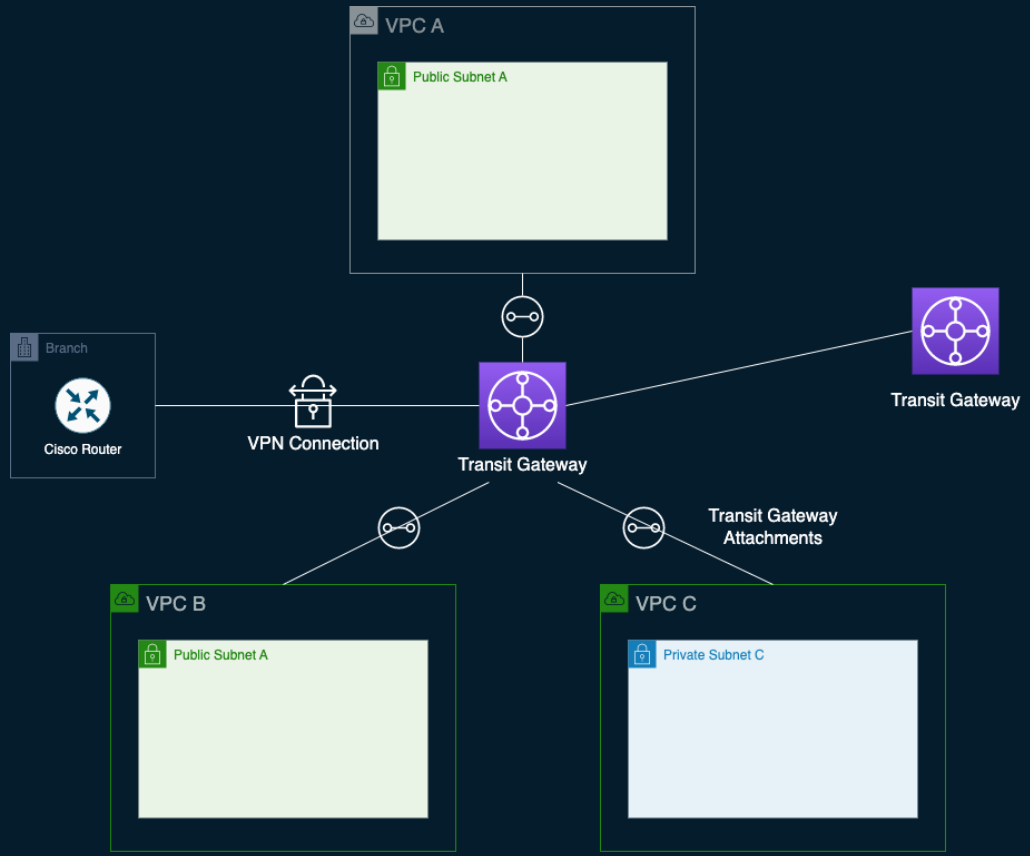
AWS Networking



cisco Live!

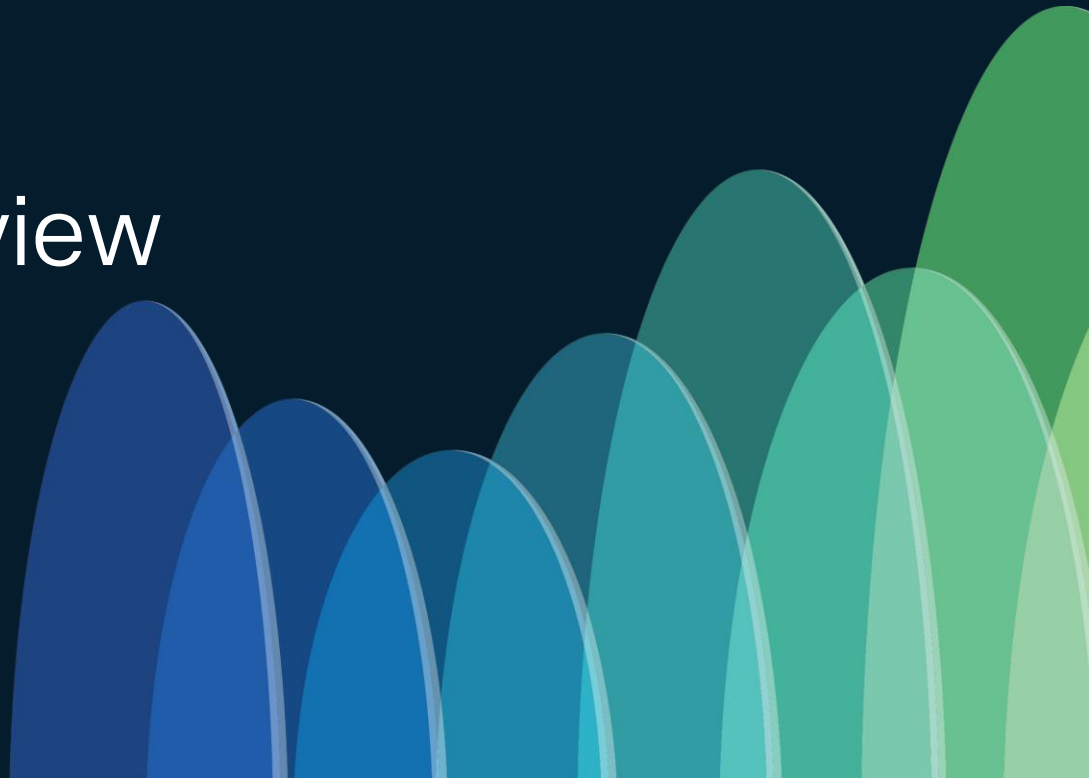
AWS Networking Fundamentals

- Hub and Spoke design for connecting VPCs and in-premises networks
- Unlike VPC Peering, you can do transitive routing and allow other resources in different VPCs to connect to services in other VPCs
- Can also be used to peer with other Transit Gateways (TGWs) in other regions



© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

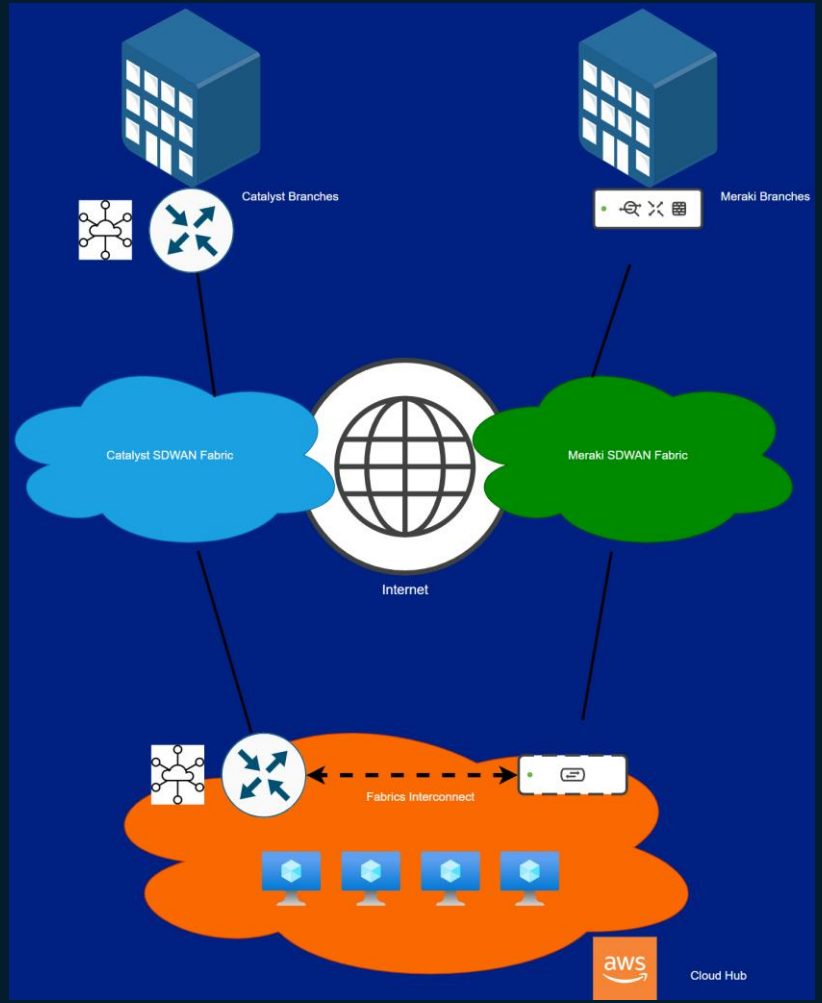
Lab Guide Overview



cisco Live!

Lab High-Level Overview

- Physical branches powered by Catalyst 8000 routers and Meraki MXs will build SD-WAN fabrics to AWS cloud main Hub
- AWS will deploy necessary components to build both SD-WAN fabrics
- SD-WAN fabrics will be merged

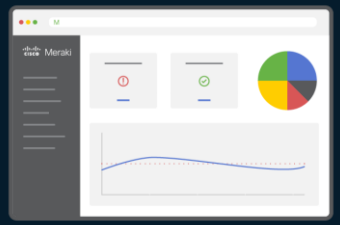


© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

Lab Components

AWS Tenant

Catalyst SD-WAN Manager



Meraki Dashboard

VMWare vSphere

© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

cisco Live!

Keynote Deep Dives

Wednesday
10:30am –11:30am

Experiences Amplified: How AI Can Fuel Better Employee and Customer Experiences

Level 1
Room 106

Smart, Secure, Seamless: Transforming Experiences with Next-Generation Networking

Level 2
Room 204

Harness a Bold New Era: Transform Data Centre and Service Provider Connectivity

Level 2
Room 203

Securing User to Application and Everything in Between

Level 2
Melbourne Room 2

Unlocking Digital Resilience through Unified Observability

The HUB
Centre Stage

Complete Your Session Evaluations

Complete a minimum of 4 session surveys and the Overall Event Survey to claim a **Cisco Live T-Shirt**.

Complete your surveys in the **Cisco Live mobile app**.

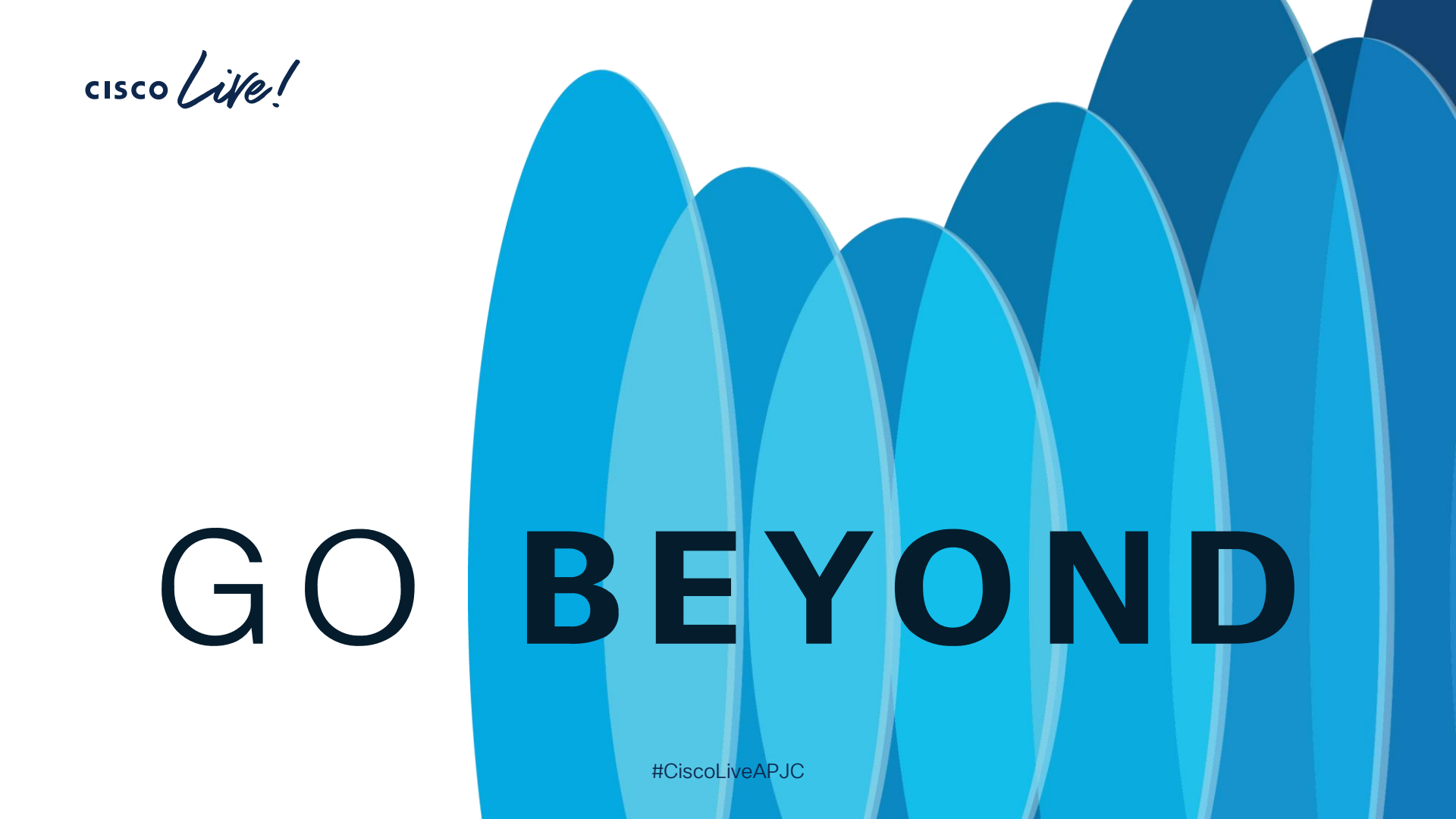
© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

Continue your education

- Visit the Cisco Stand for related demos
- Book your one-on-one Meet the Expert 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

© 2024 Cisco and/or its affiliates. All rights reserved. Cisco Public

cisco
Thank you
cisco Live!
#CiscoLiveAPJC


cisco Live!
GO BEYOND
#CiscoLiveAPJC