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#CiscoLive



The bridge to possible

How to seamlessly automate NX-OS, ACI and Cloud networks through Nexus Dashboard

Max Alvarado – Technical Solutions Architect
BRKDCN-1815

Cisco Webex App

Questions?

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- 1 Find this session in the Cisco Live Mobile App
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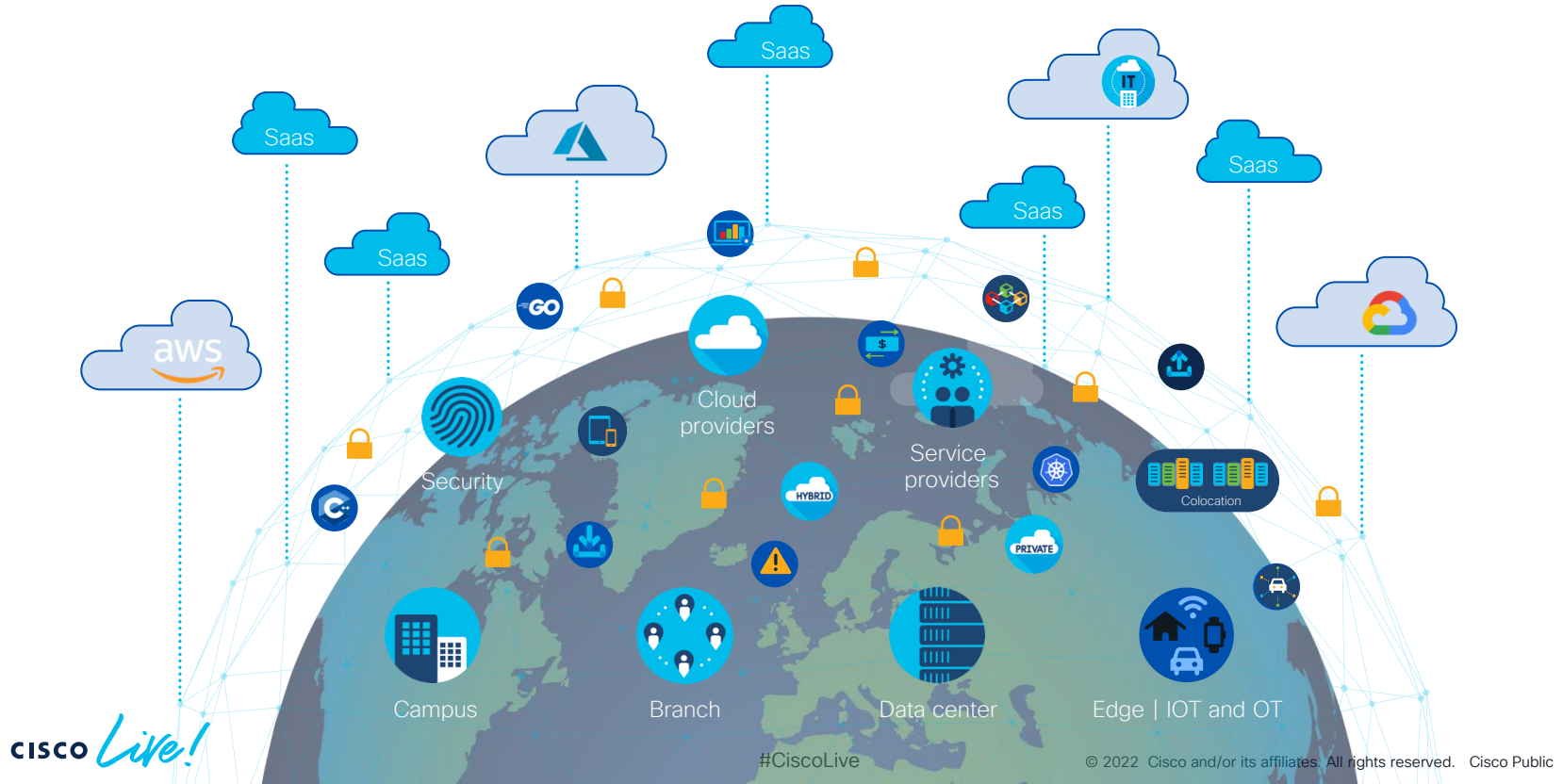


Agenda

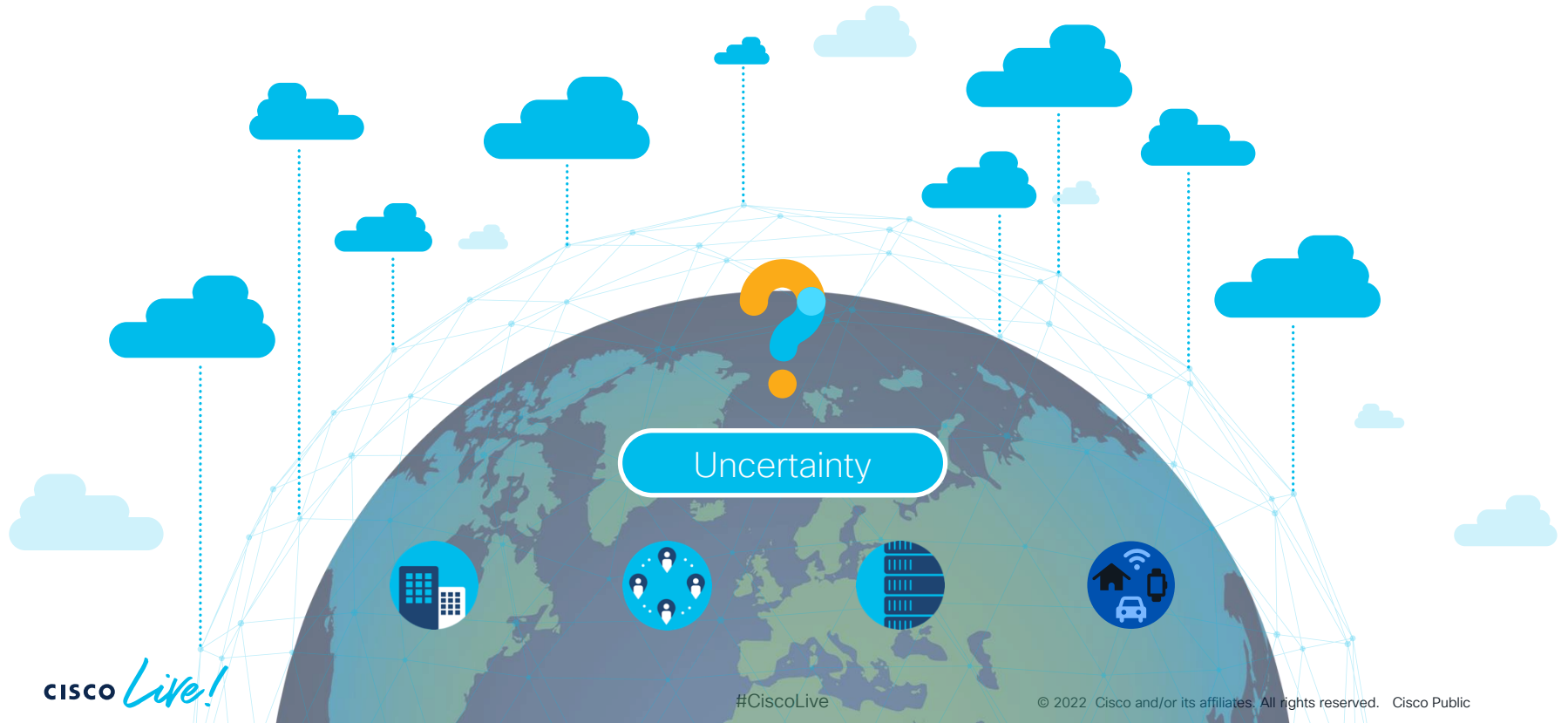
- Introduction
- Nexus Dashboard Overview
- Use Cases - Our Scenario
 - NX-OS LAN/SAN Deployment Use Case
 - Multi-Site Deployment Use Cases
 - On-prem to On-prem
 - On-prem to Cloud
 - Cloud to Cloud
- Summary

Introduction

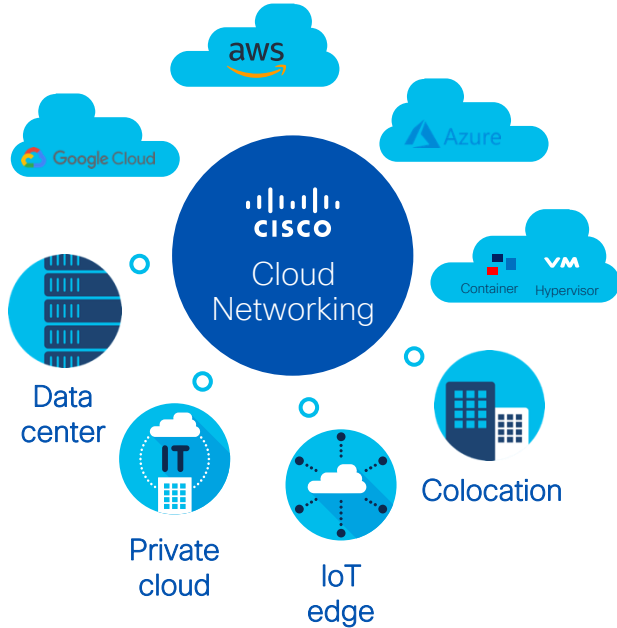
New “normal”: Hyper-distributed, extremely diverse IT landscape



And your world is constantly **changing**



Hybrid Cloud Networking: Challenges



Connectivity and Management

Workloads are increasingly distributed and diverse. **Complex to connect** workloads across multiple public clouds, data centers and edge locations.



Visibility and Automation

Troubleshooting challenges due to more decentralized architectures with different environments.



Zero trust and security

Workload migration and mobility of users imposes **significant challenges to enforce right security policies** across different environments.

Need for **homogenous experience** across heterogeneous cloud environments

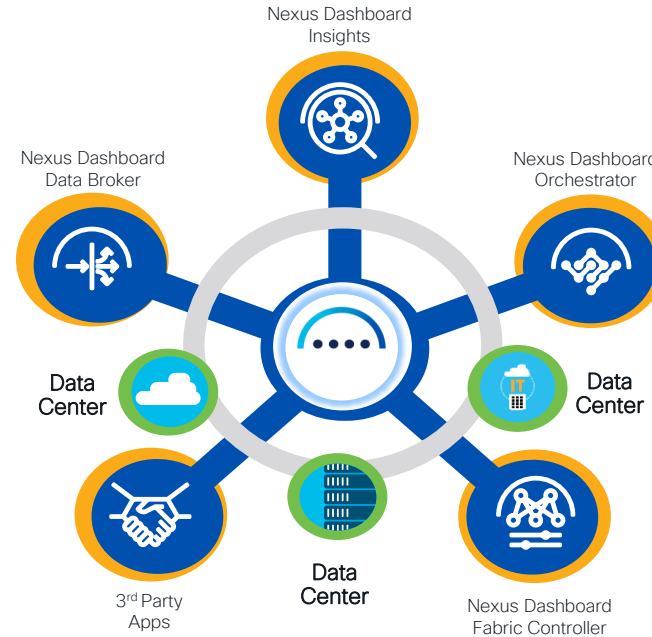
Nexus Dashboard Overview

Nexus Dashboard

The common platform for DC operations tools

Pre-Built Appliance
(Physical or Virtual)

Distributed
Multi-Fabric Support
(ACI, NX-OS and Cloud)

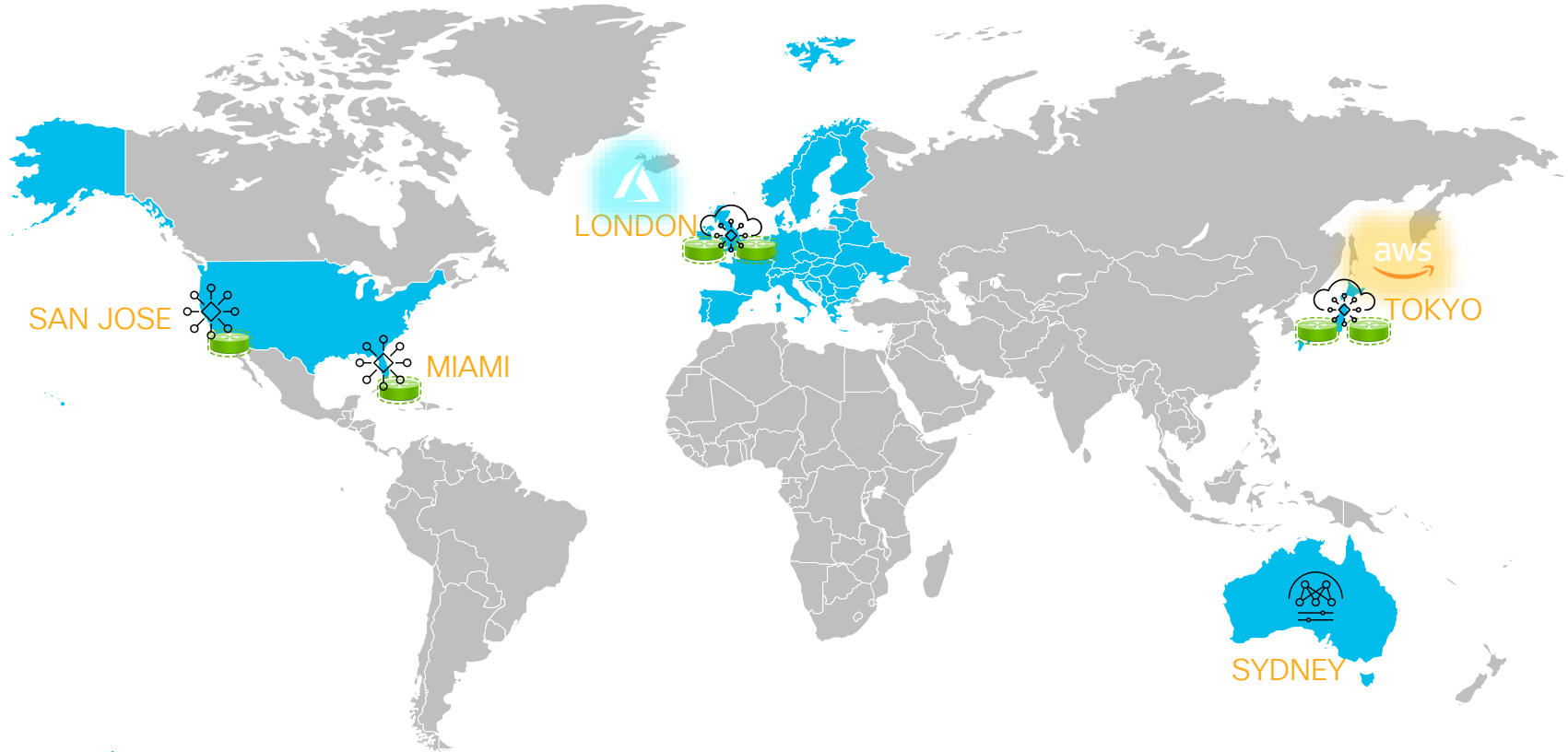


Our Scenario

Our Scenario



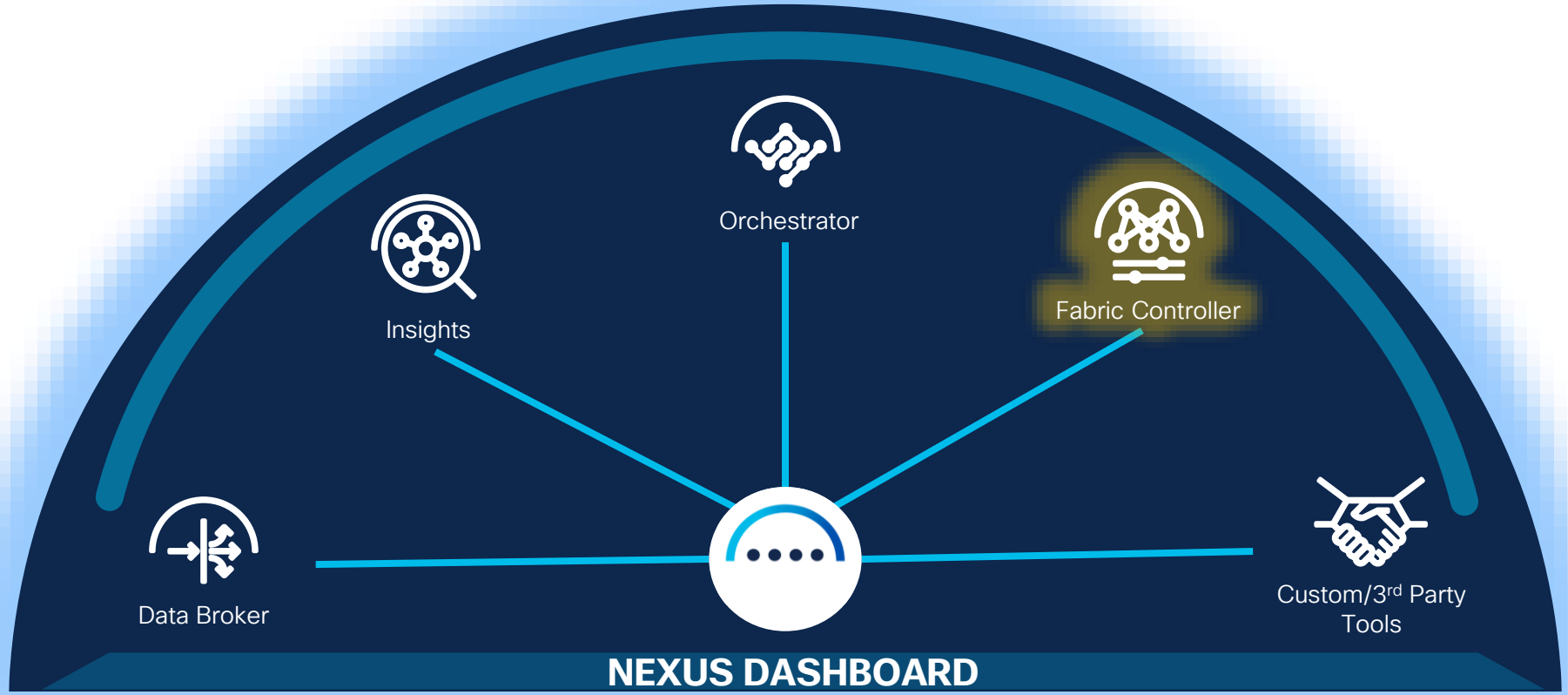
Our Topology



Use Case #1: NX-OS Fabric Enablement

Nexus Dashboard

Applications



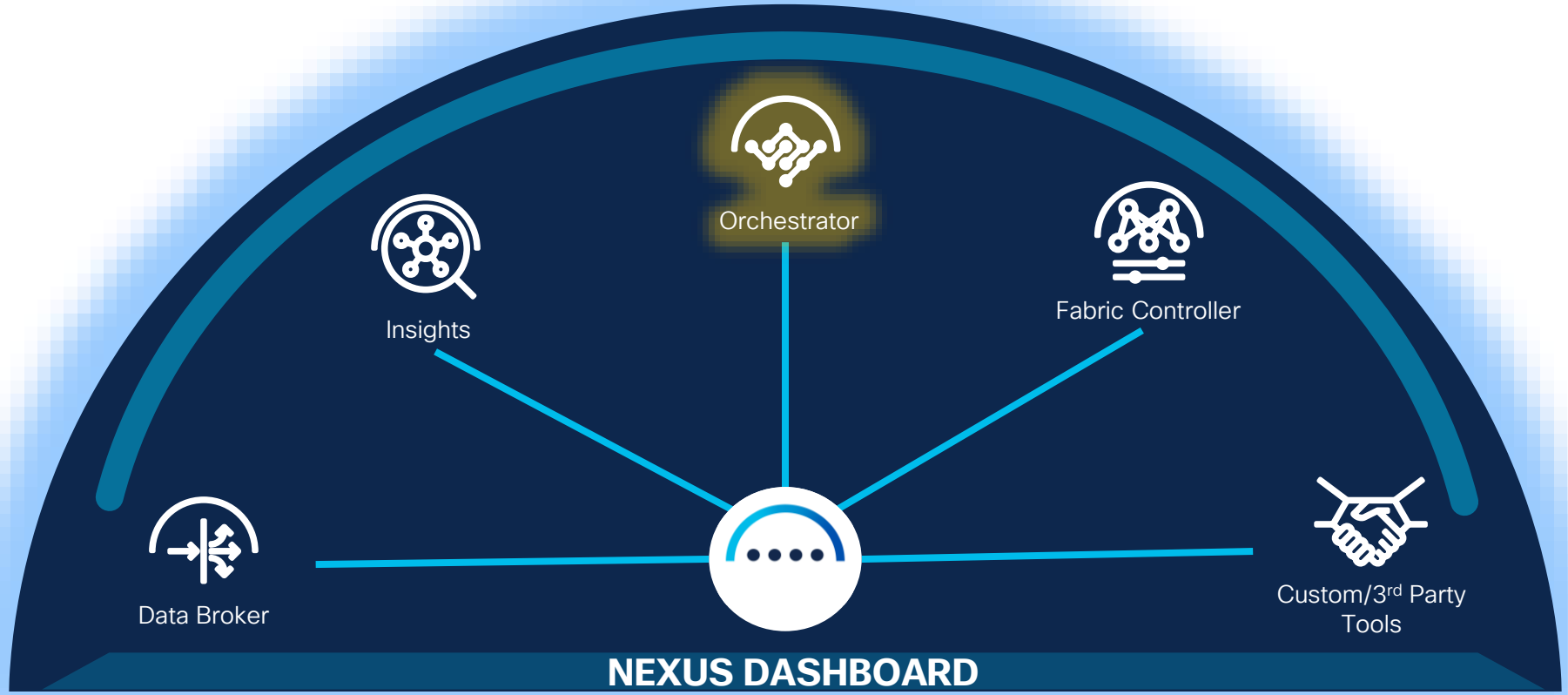
Our Topology



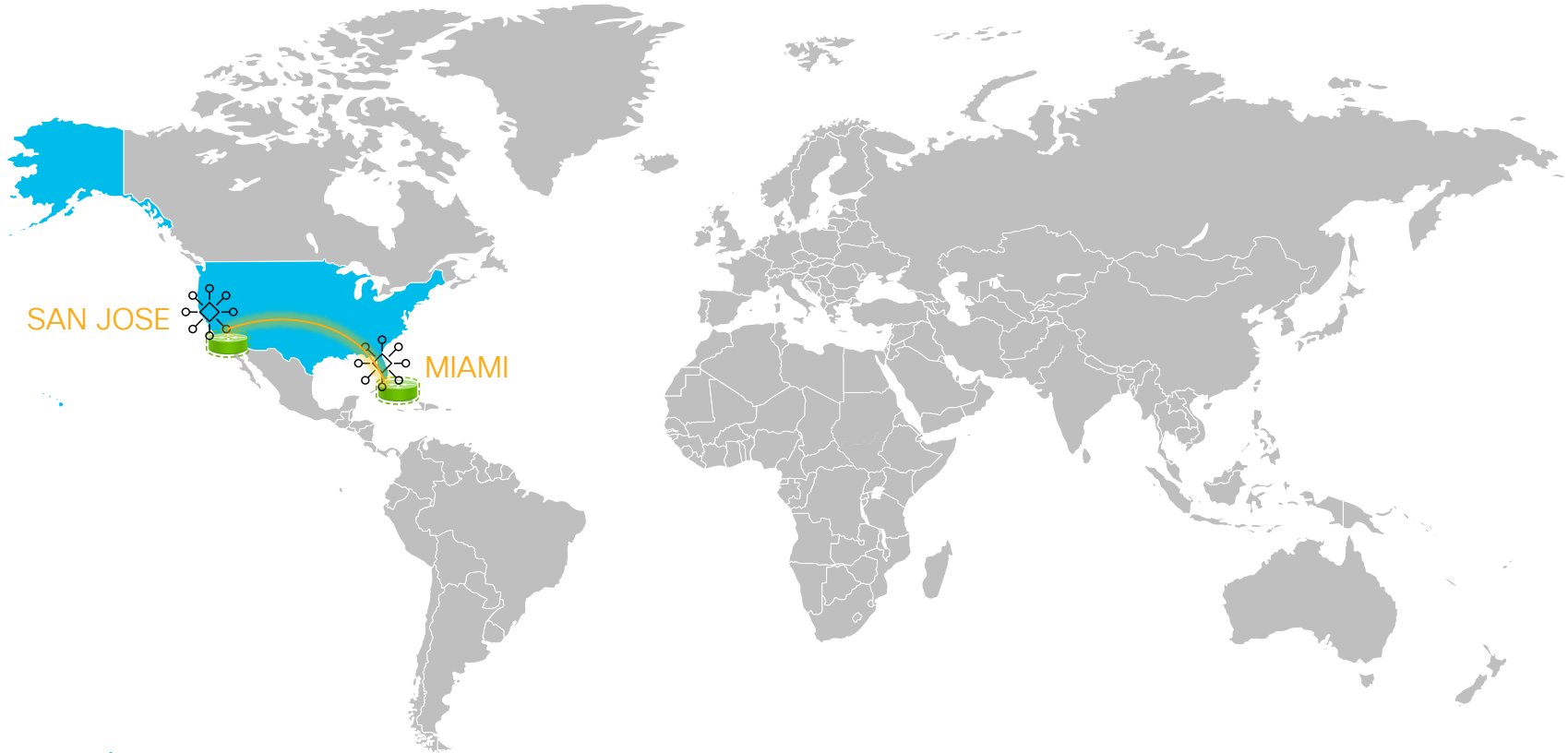
Use Case #2: On-prem to On-prem Automation

Nexus Dashboard

Applications



Our Topology



Nexus Dashboard

Version 2.1(1e)



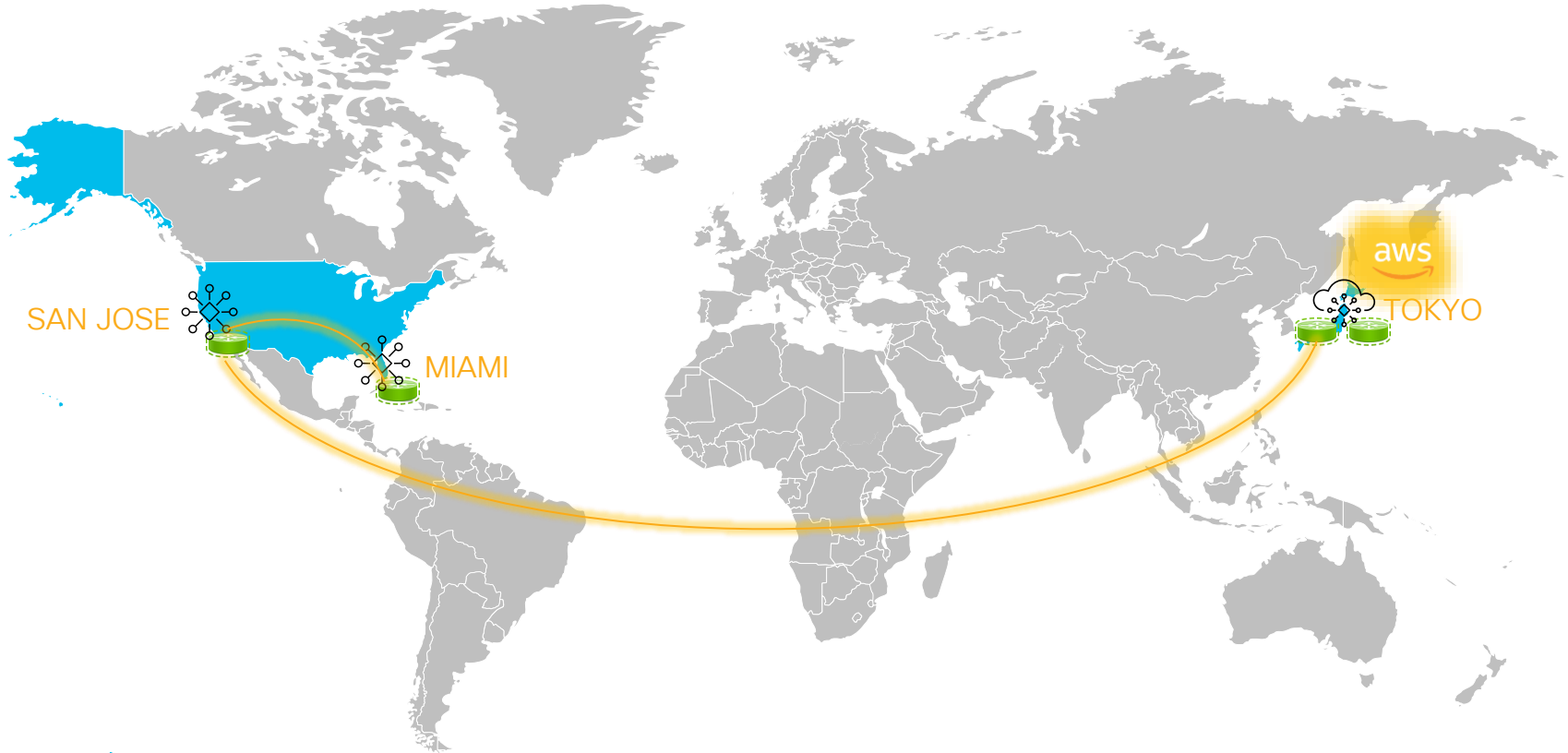
Username

Password

Login

Use Case #3: On-prem to Cloud Automation

Our Topology





One View

Admin Console

Services ▾

Sites ▾

One View

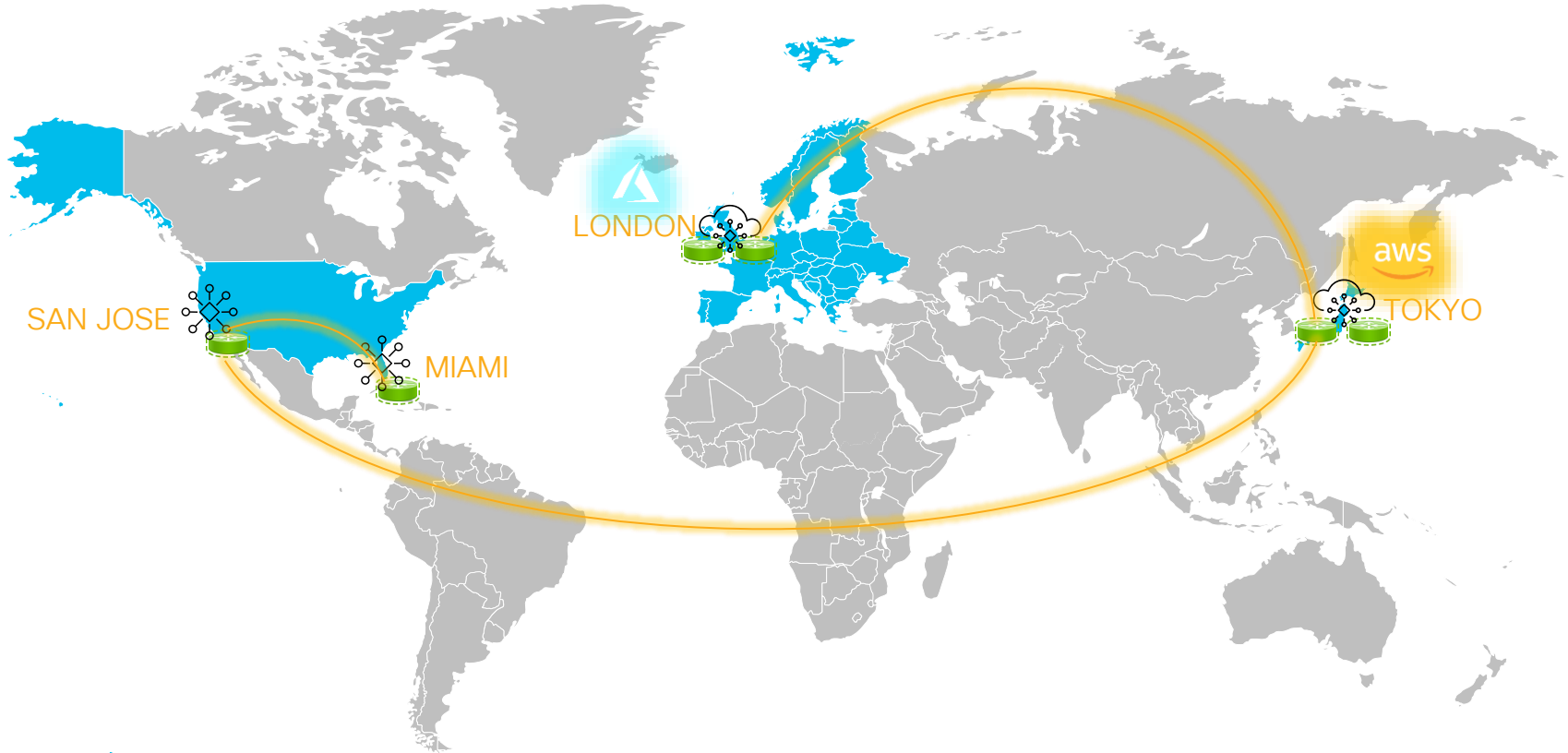
My Sites

Map ☒ Table

Nexus Snapshot

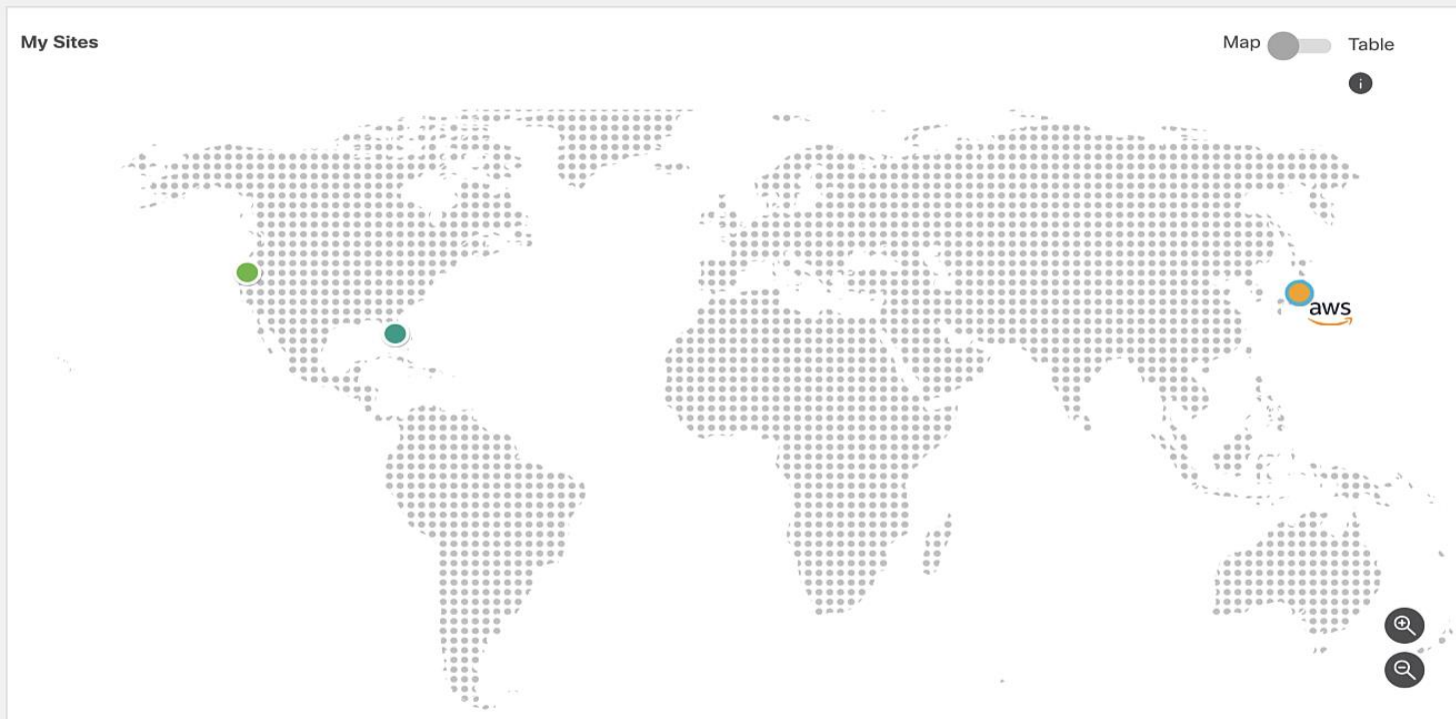
Use Case #4: Cloud to Cloud Automation

Our Topology



- 
-  One View
-  Admin Console
-  Services 
-  Sites 

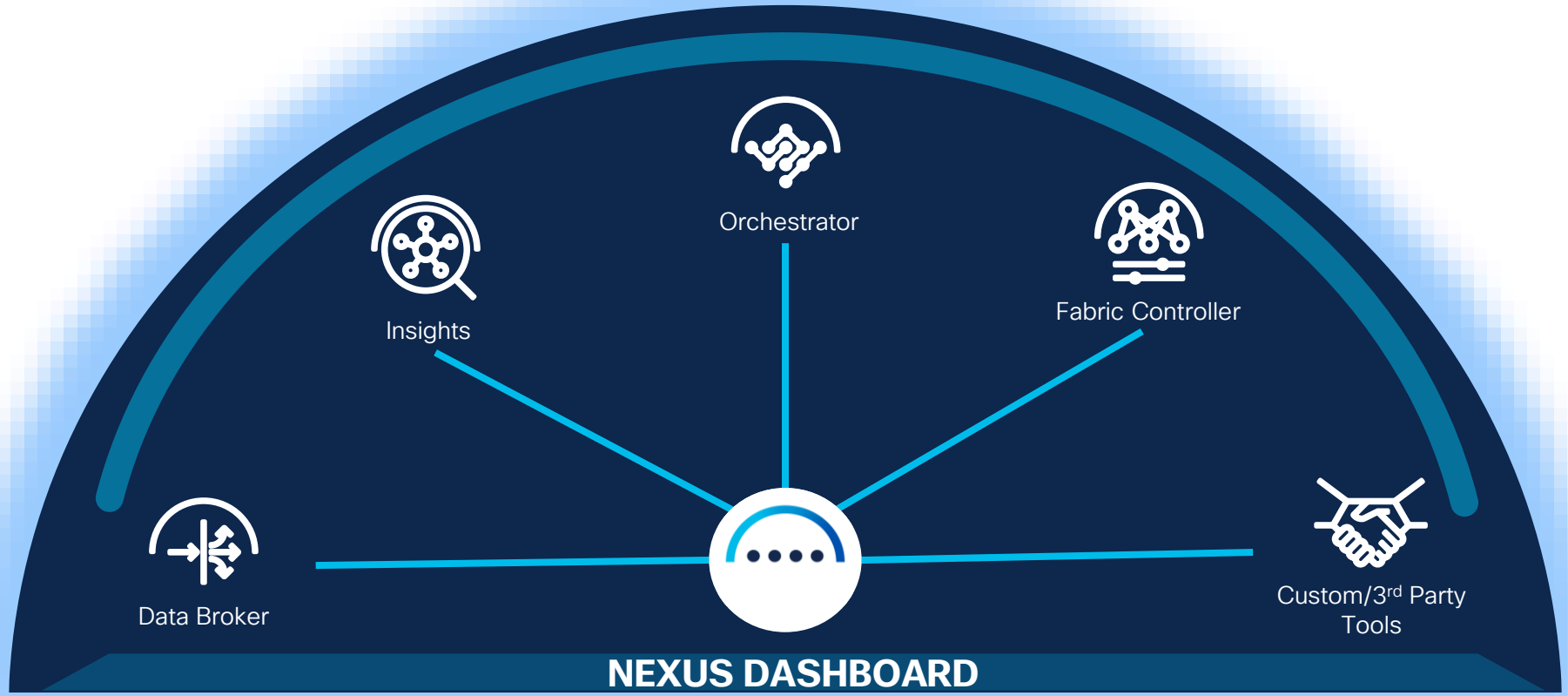
One View



Summary

Nexus Dashboard

Summary



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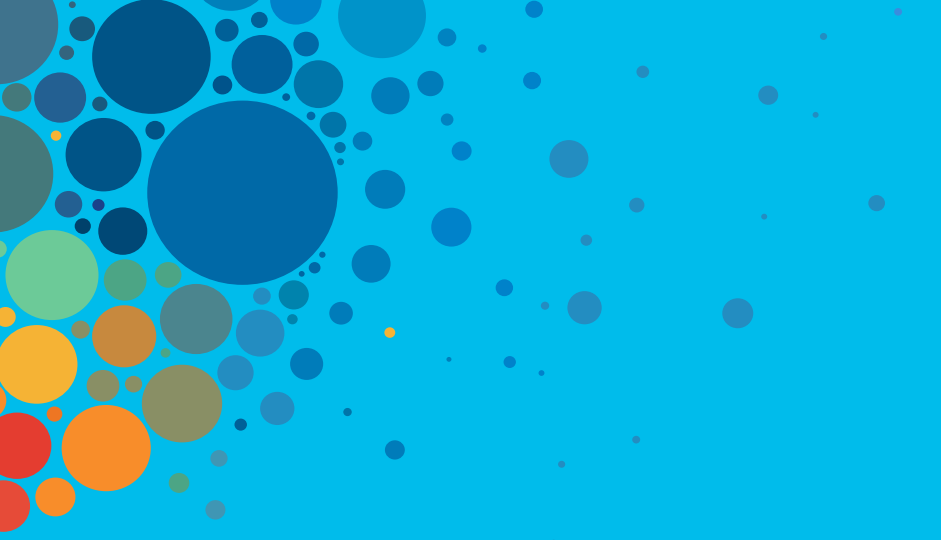
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Thank you

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