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Simplifying Security Automation

with Cisco Umbrella and Secure Access APIs

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DEVNET-2165

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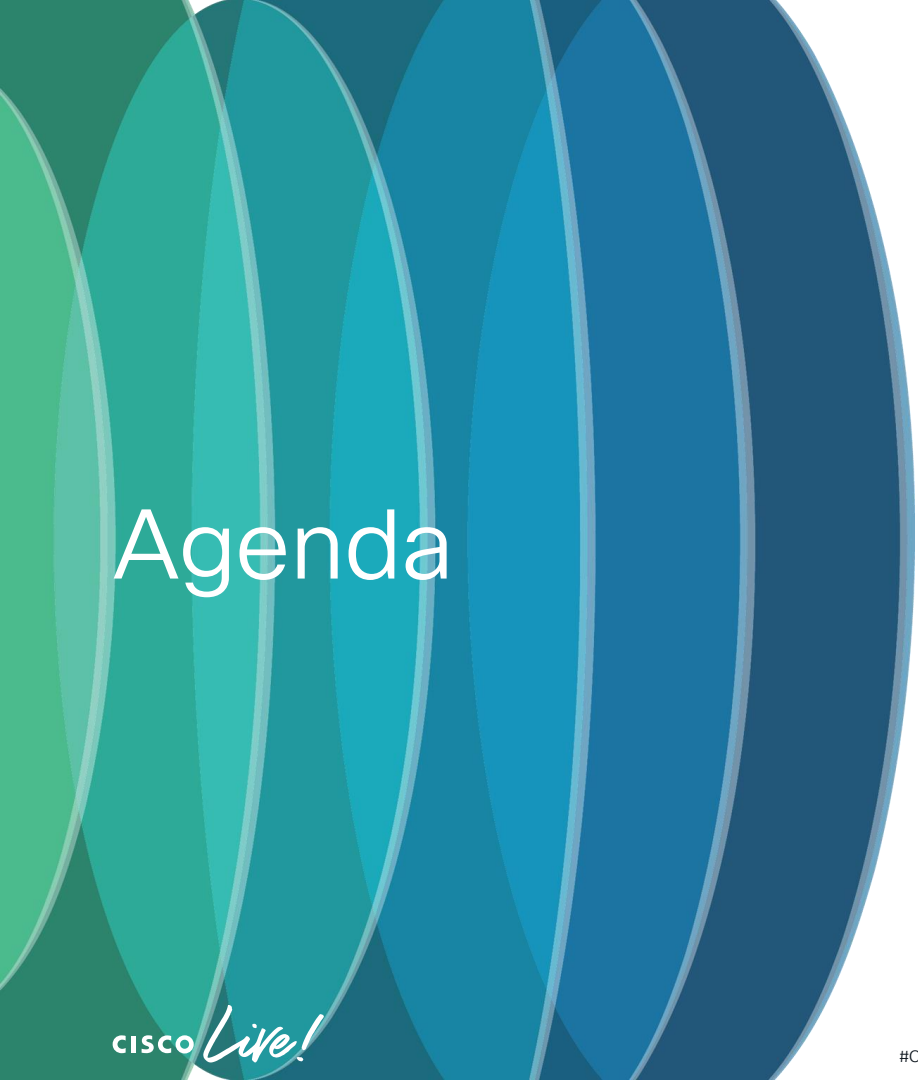
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Agenda

- SASE Architecture and SSE Design
- Introducing Security Automation
- Navigating Umbrella APIs
- Navigating Secure Access APIs
- Security Automation Examples
- Conclusion

SASE Architecture

“SASE” = Secure Access Service Edge



Figure 1.
High level SASE Architecture

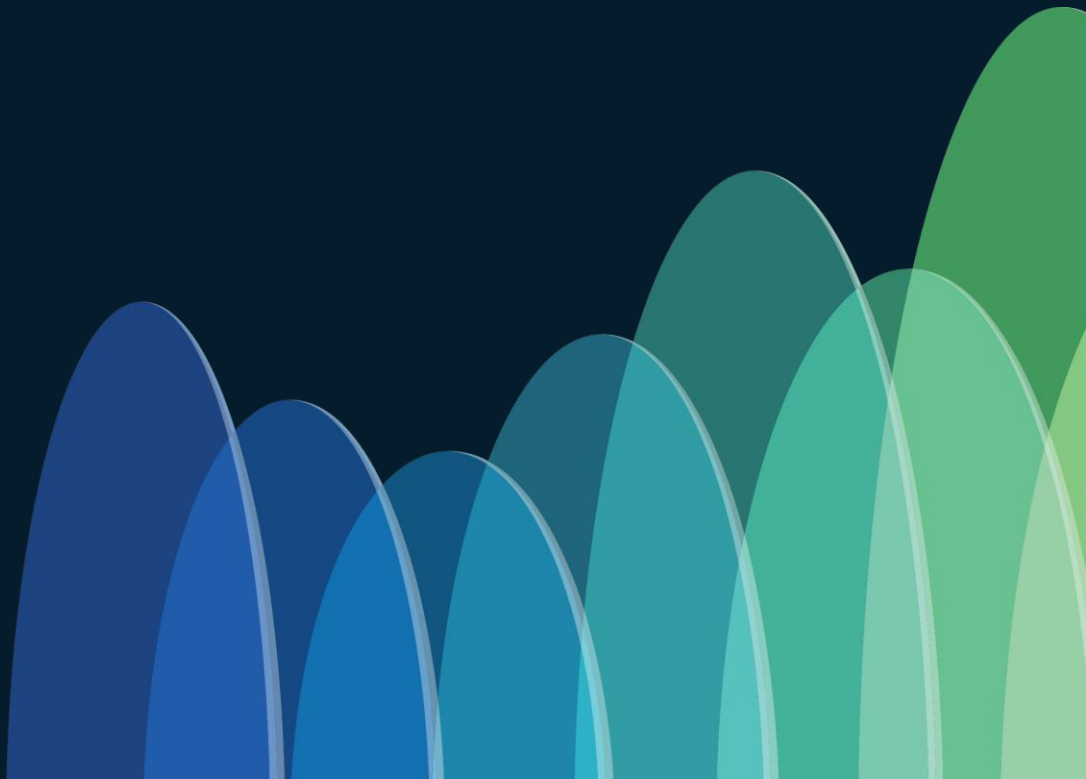
Cisco Validated Design Zone

Design, deploy, and extend with CVDs and documented best practices from Cisco

▶ Watch the overview (04:02)

Security Guide Title	Security Other Links	Security Guide Type	Security Products Included
<input type="text" value="secure access"/>	<input type="text" value="enter search term"/>	<input type="text" value="View All"/>	<input type="text" value="View All"/>
Cisco Secure Access Service Edge (SASE) and Security Service Edge (SSE) Architecture Guide (HTML) (PDF)		Architecture Guide, SASE/SSE	
Cisco Secure Access Service Edge (SASE) with Viptela SD-WAN Design Guide (HTML) (PDF)		Design Guide, SASE/SSE	Viptela SD-WAN, Umbrella, Duo, Secure Firewall, Secure Endpoint, Secure Malware Analytics, ThousandEyes, SecureX
Cisco Secure Access Service Edge (SASE) with Meraki SD-WAN Design Guide (HTML) (PDF)		Design Guide, SASE/SSE	Meraki SD-WAN, Umbrella, Duo, Secure Firewall, Secure Endpoint, Secure Malware Analytics, ThousandEyes, SecureX

SSE Design



Cisco Secure Access Validated Design Guide

(with Meraki)

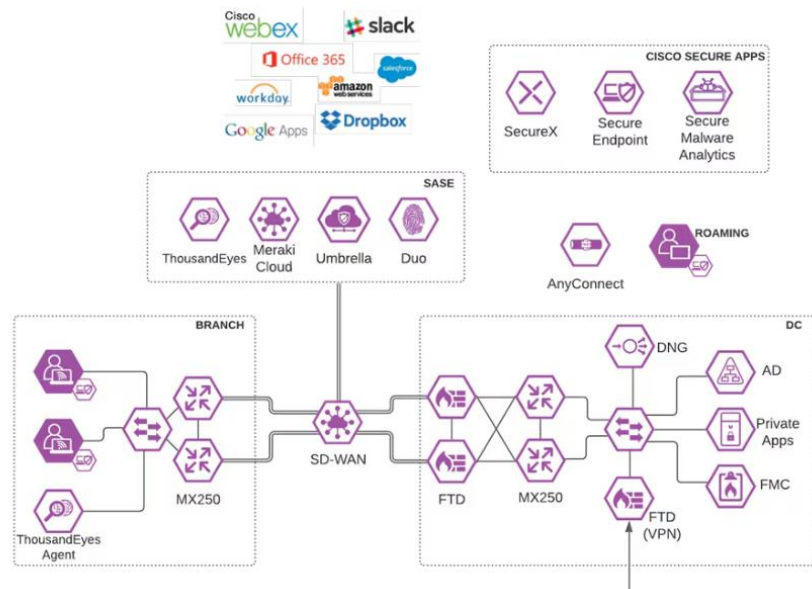


Figure 5.
Cisco SASE Architecture

Introducing Security Automation

We all know automation saves us time
and prevents human error.
But **how do we know what to automate?**

With Cisco Security products,
we can use automation for **policy management**,
incident investigation, and **usage reporting**.

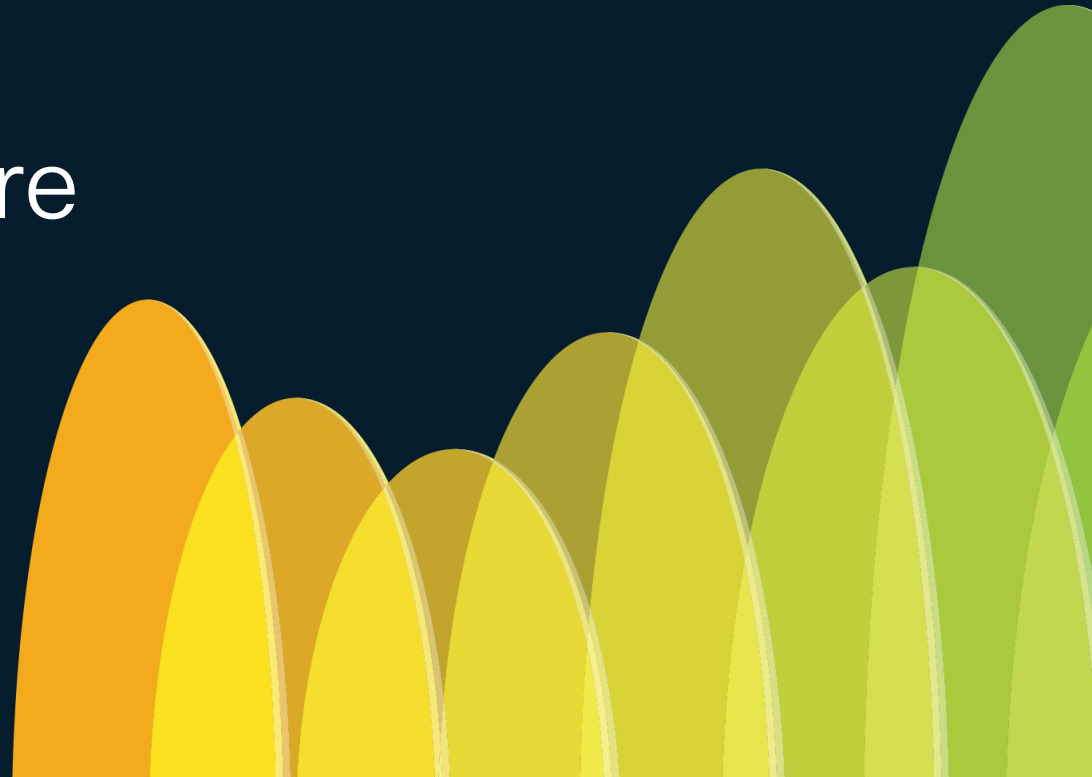
Navigating Umbrella APIs



Demo



Navigating Secure Access APIs



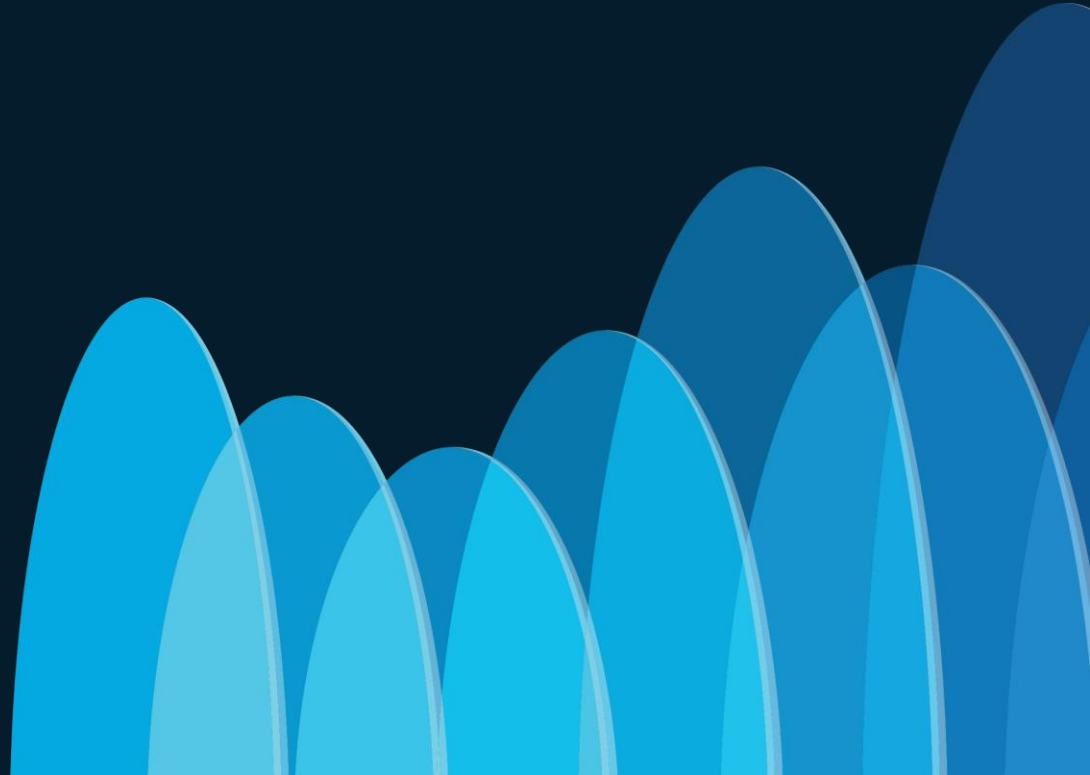
Demo



Security Automation Examples



Policy Management Scenarios



Security Finding & Incident Investigation



Reporting Functionality and Scenarios



Conclusion



Keynote Deep Dives

Wednesday
10:30am – 11:30am



Experiences Amplified:
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Room 203



Securing User to Application and Everything in Between

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