



Cisco Community Meet The Author

Meet the Authors Event- CCIE Security in a world build on cloud
: Secure Access Service Edge

Vivek Santuka, Chad Mitchell, Jamie Sanbower and Aaron Woland.

April 29th, 2021



Welcome to the new “Meet Authors event”

Learn from the IT expert that literally wrote the books & content

“Learn more about the latest trends in cybersecurity and the alternatives to enhance your security career”



Meet
Author



Learn the
Story behind



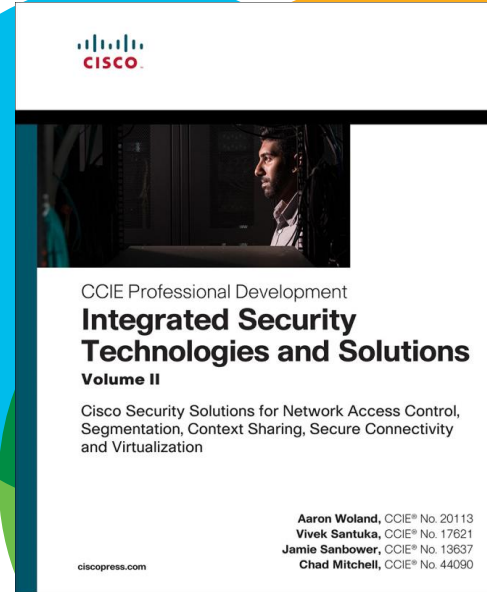
Trends &
Key Content



Clarify
Questions

Win a free signed copy!

Signed by the
authors



2 free copies

Meet the Authors



Aaron Woland
Principal Engineer
CCIE #20113



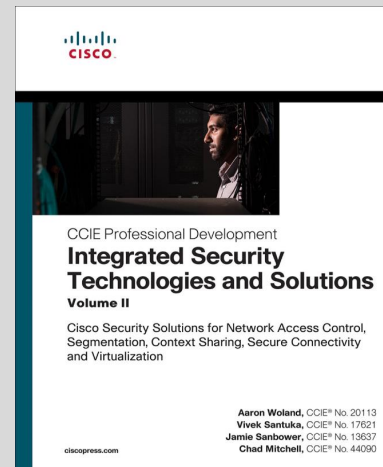
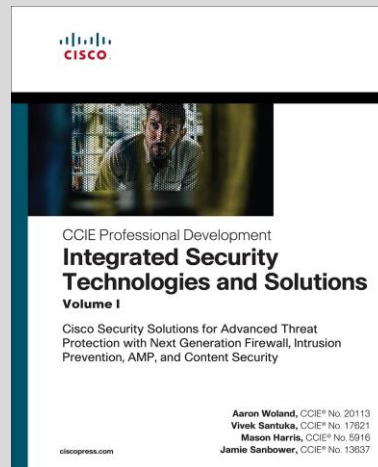
Vivek Santuka
Principal Architect
CCIE x2 #17621



Jamie Sanbower
Principal Architect
CCIE x3 #13637



Chad Mitchell
Solutions Architect
CCIE #44090



All authors certified in CCIE Security



CCIE Security in a world build on cloud : Secure Access Service Edge (SASE)

Vivek Santuka, Principal Architect, CCIE #17621
Aaron Woland, Principal Engineer, CCIE #20113
Jamie Sanbower, Principal Architect, CCIE #13637
Chad Mitchell, Solutions Architect, CCIE #44090

Meet the Authors



Aaron Woland, CCIE
#20113, Principal Architect



Vivek Santuka, CCIE
#17621,
Principal Architect

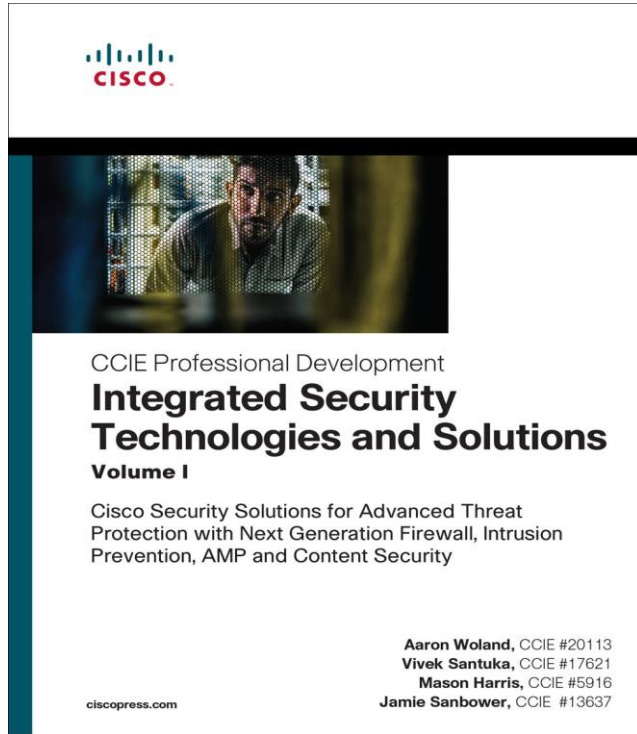


Jamie Sanbower, CCIE #13637,
Principal Architect



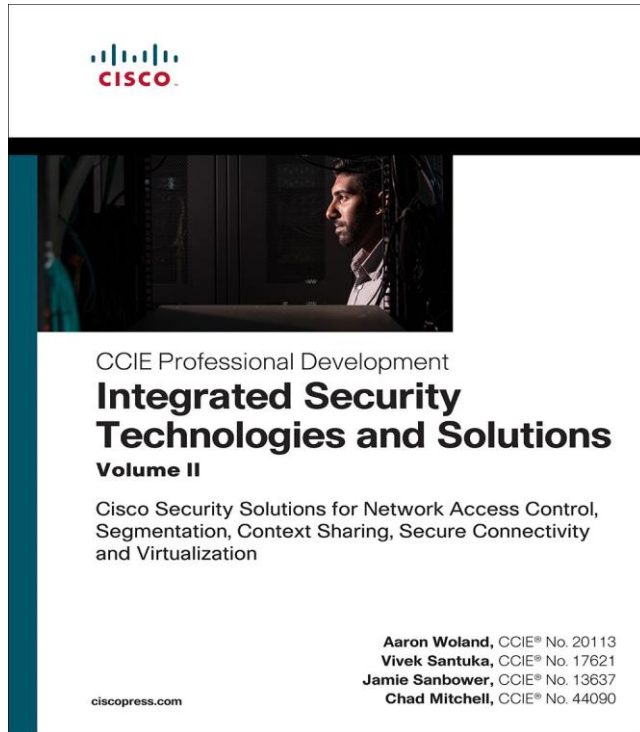
Chad Mitchell, CCIE #44090,
Solutions Architect

Integrated Security Technologies and Solutions I



1. Hi There! This is Network Security
 - *Infrastructure Security*
2. Deny IP any any
 - *Firewalls*
 - *IDS/IPS*
3. <HTML> EHLO. You have threat in Content </HTML>
 - *Content Security*
 - *Cisco Umbrella*
 - *Advanced Malware Protection (AMP)*

Integrated Security Technologies and Solutions II



1. **Knock, Knock! Who's There?**
 - *Access Control*
 - *Cisco ISE*
2. **Spread the Love!**
 - *Context Sharing*
 - *PxGrid*
3. **c2889775343d1ed91b**
 - *Encryption*
 - *VPN*
4. **The Red Pill**
 - *Virtualization*

CCIE Security in a world
build on cloud

Security principles don't
change in the cloud !

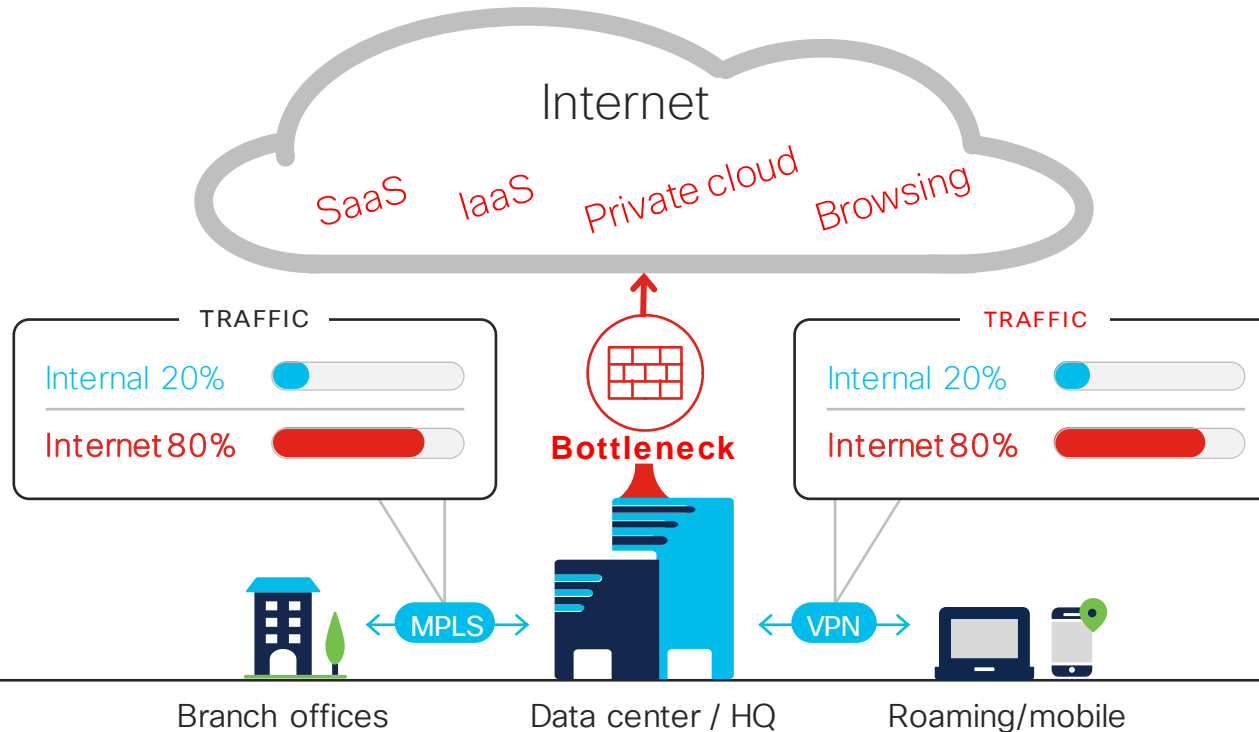
Shift in IT Landscape

Users, Devices, and Apps are Everywhere



Inverted Traffic Model

Changes in Types of Traffic, Origins and Destinations



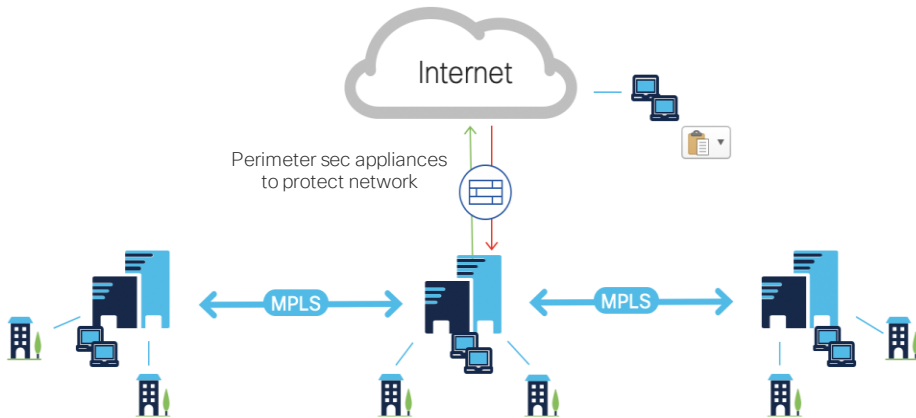
Problems:

- Costs
- Performance
- # Tools/vendors
- Integrations
- Maintenance

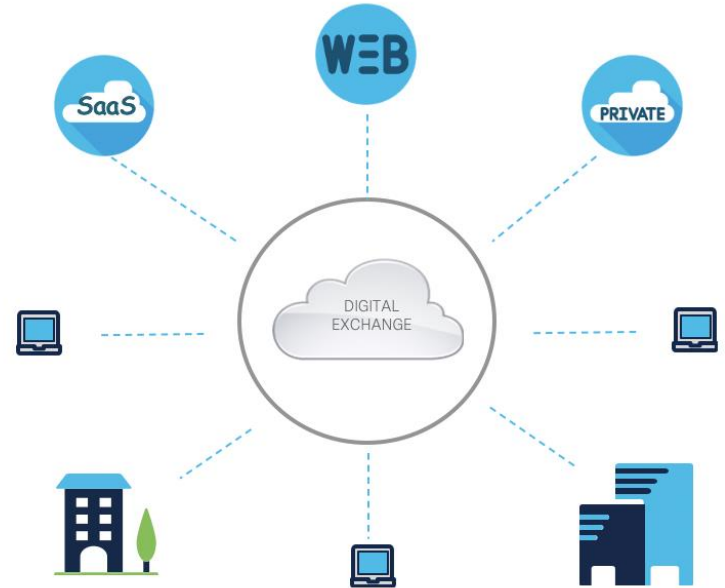
Network Transformation

Internet/Cloud is New “Center of Universe”

DC-Centric

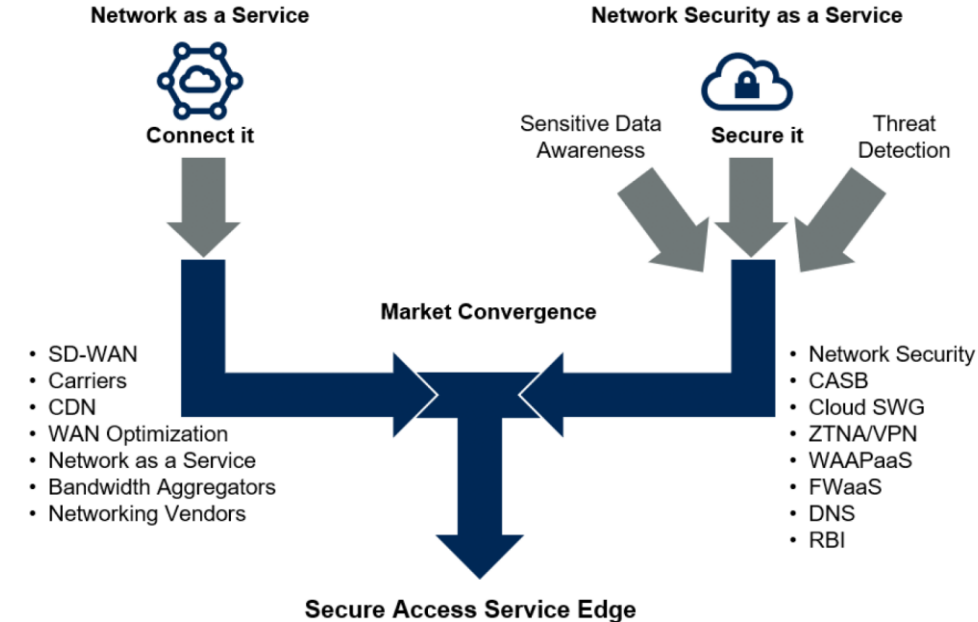


Internet/Cloud-Centric



SASE Architecture Model Fundamentals (Gartner)

SASE Convergence



CDN: content delivery network; RBI: remote browser isolation; WAAPaaS: web application and API protection as a service.

Source: Gartner

ID: 441737

Cloud, SASE, DC, Remote –
More PINS, More CCIEs

Let's Just Talk!

Submit any questions through Q&A



Cisco SASE Vision

For SASE, Consider the Three C's

Connect



Control



Converge



SASE – Connect, Control, Converge

1 Connect

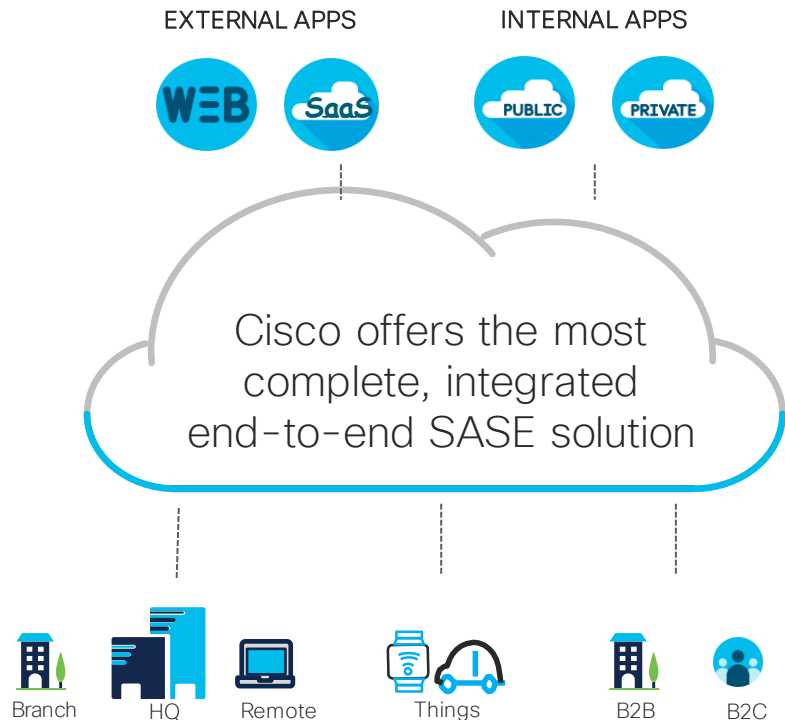
Simple, automated transport from any user, any device, to any application

2 Control

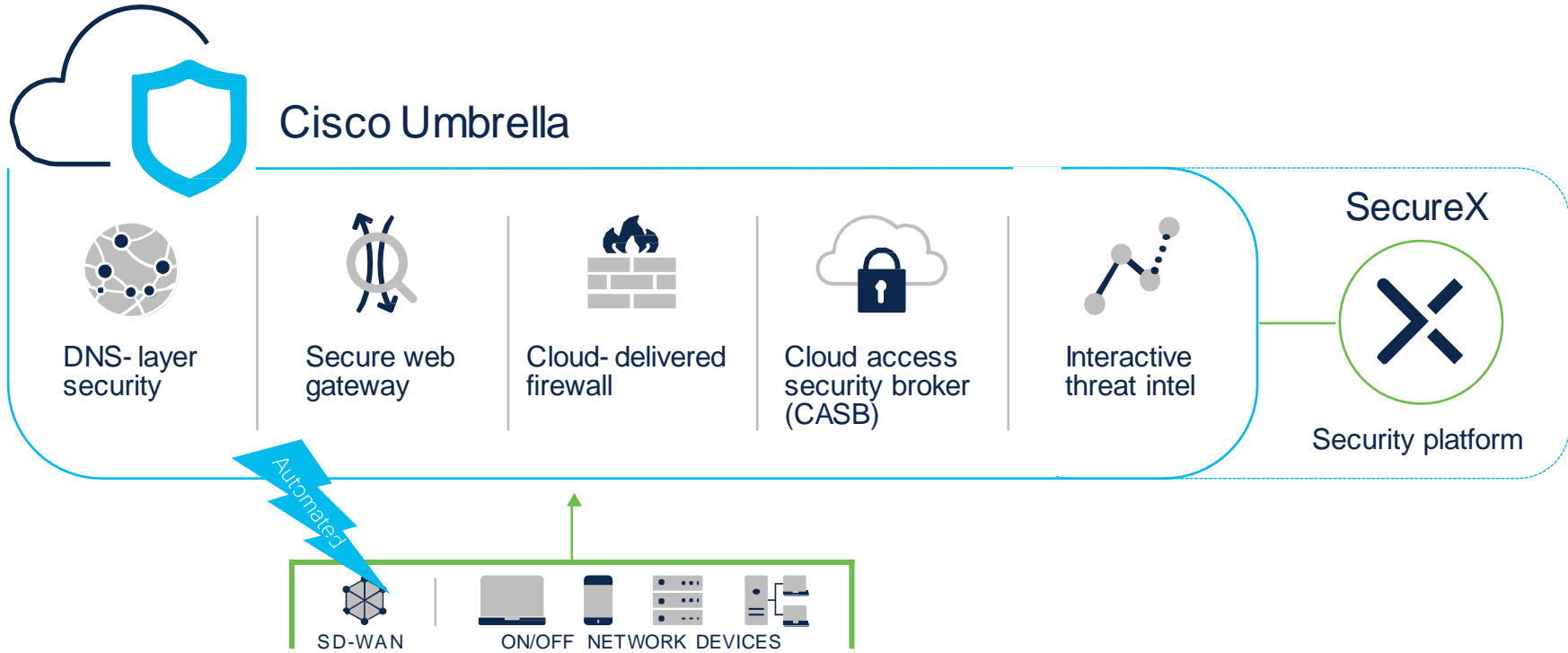
Zero trust access control and leading threat protection

3 Converge

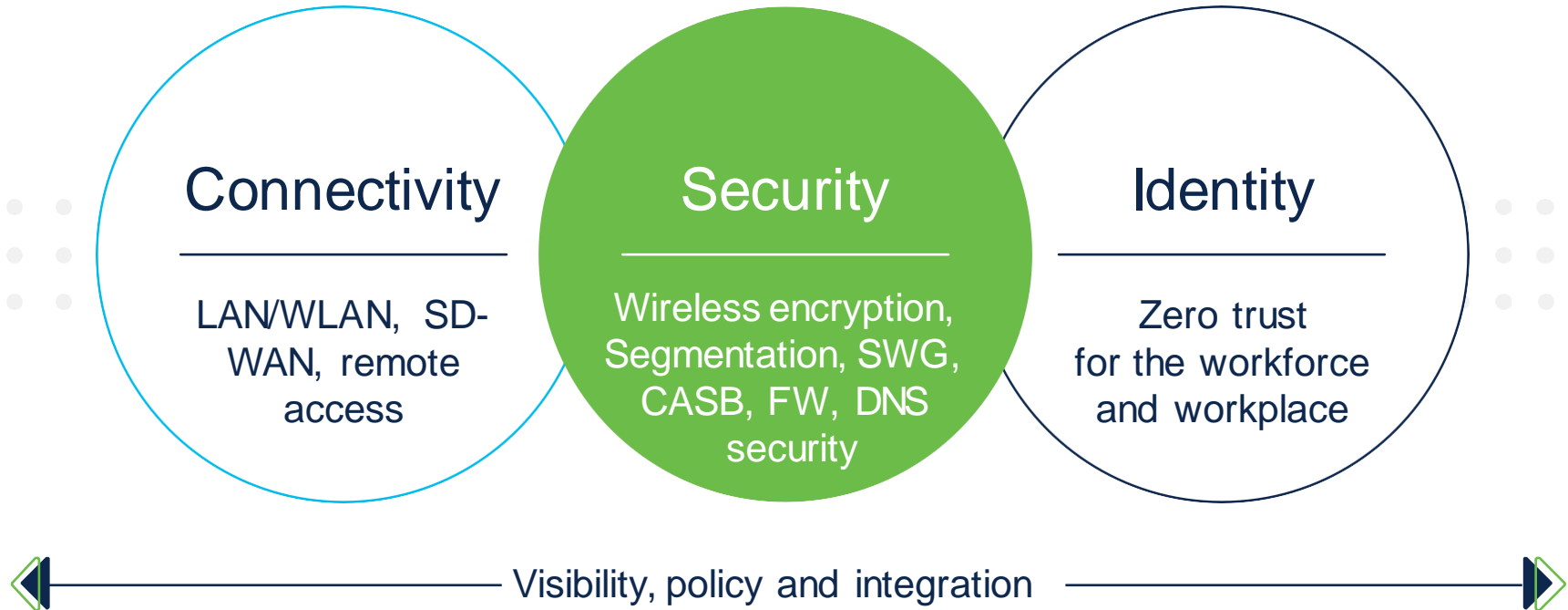
Cloud delivered, integrated networking and security



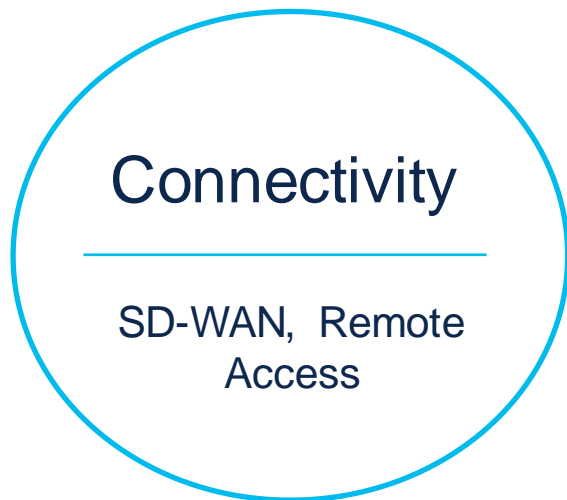
Umbrella Multi-Function, Cloud Security Solution



SASE Starts with Security but Includes More



SASE is Enabled by Multiple Forms of Connectivity

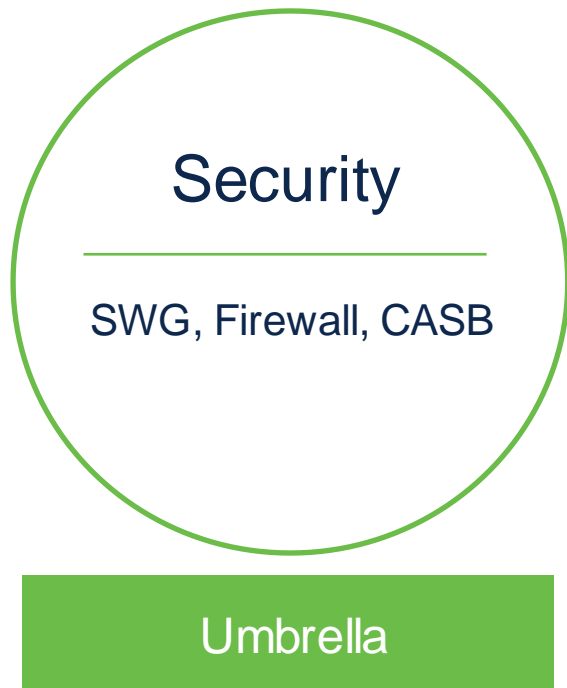


Umbrella, Duo,
AnyConnect, SD-
WAN, Meraki



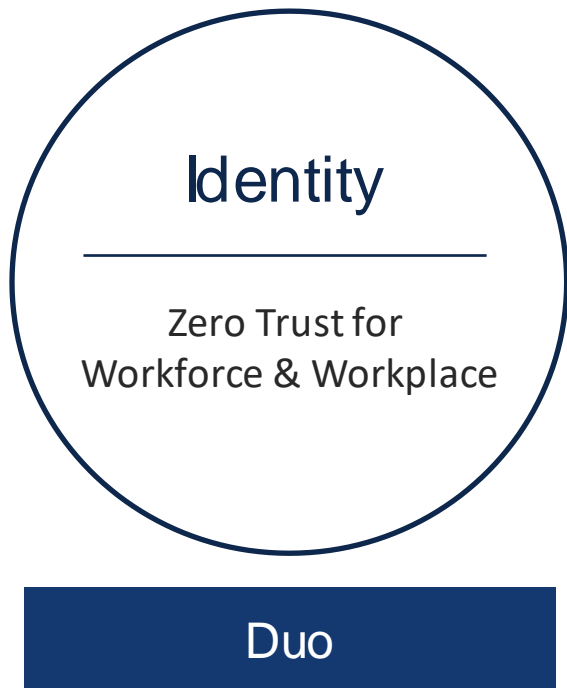
LAN/WLAN	✓
SD-WAN	✓
Hybrid WAN	✓
Remote access	✓
Proxy	✓
Optimized routing	✓
SaaS direct access	✓

SASE is Driven by Multiple Forms of Security



Wireless Encryption	✓
Secure Web Gateway (SWG)	✓
Cloud-Delivered Firewall	✓
Cloud Access Security Broker (CASB)	✓
DNS layer security	✓
Remote Browser Isolation	✓ *
DLP	✓ *
Malware detection and blocking	✓
Sandboxing	✓
Decryption	✓

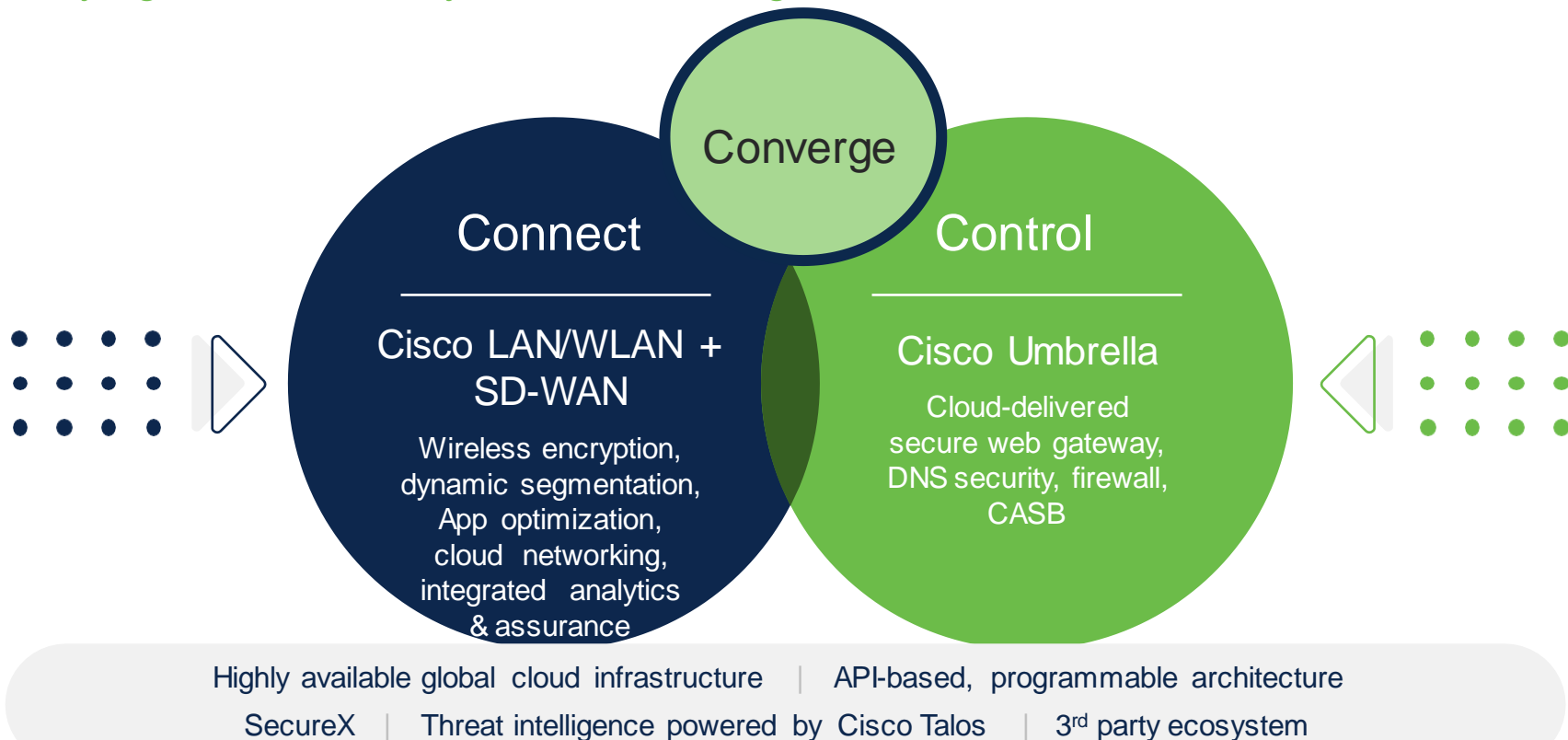
SASE Utilizes Identity/Device to Enforce Zero Trust



Multi-factor authentication	✓
Dynamic Segmentation	✓
SAML	✓
Trusted device	✓
App specific policy	✓
Automated device blocking	✓
Open IDP integrations	✓
Continuous Verification	✓

Cisco Breaks New Ground in SASE Convergence

Unifying Cloud Security and Networking





Submit Your
Questions Now!



Use the Q&A panel to submit your
questions, our expert will respond.

Extra Resources and References

Volume I

Integrated Security Technologies and Solutions – Volume I: Cisco Security Solutions for Advanced Threat Protection with Next Generation Firewall, Intrusion Prevention, AMP, and Content Security [[Learn more](#)]

Other useful resources:

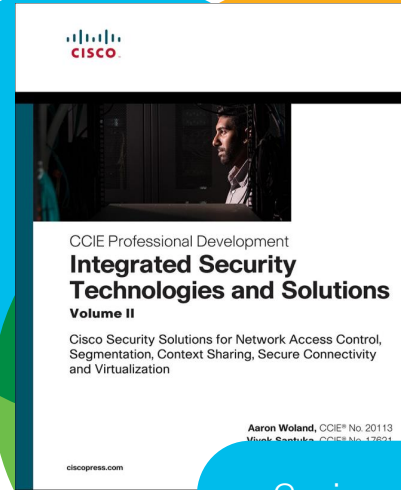
CCNP and CCIE Security Core SCOR 350-701 Official Cert Guide

<https://www.ciscopress.com/store/ccnp-and-ccie-security-core-scor-350-701-official-cert-9780135971970>

CCNP and CCIE Security Core SCOR 350-701 Complete Video Course (Video Training)

<https://www.ciscopress.com/store/ccnp-and-ccie-security-core-scor-350-701-complete-video-9780136583363>

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Your opinion is important and help us to improve



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