ACE Cloud Security

ACE Solutions Architecture Team

ACE Learning Paths

Learn CSP networking basics and review Aviatrix features. Mandatory course. Starting point of your cloud networking journey.
(5 Hours Self-Paced)

CLOUD ARCHITECT LEARNING PATH

Design and Deploy cloud networks solving cloud networking pain points
(3 Days ILT)

Troubleshoot real-world Day 2 cloud and on-prem issues
(2 Days ILT)

SUBJECT MATTER LEARNING PATH

Build a CSP agnostic cloud backbone for secure hybrid cloud connectivity
(1 Day ILT)

Learn to secure internet egress traffic and build Zero Trust Cloud Network
(1 Day ILT)

Use GitHub and Terraform to build, repeatable, and secure infrastructure
(1 Day ILT)

Create secure and high-performance hybrid cloud solutions using Aviatrix Edge
(1 Day ILT)

ILT = Instructor Led Training

Aviatrix ACE Security Course Agenda

TOPICS	Approx. Duration	Start time
Welcome / Logistics / Agenda / Intro / Warm-Up	0:10	9:00 AM
Zero Trust Architecture	0:20	9:10 AM
Tenet-1 Resource Identification, Inventory and Grouping	0:30	9:30 AM
Break	0:20	10:00 AM
Tenet-2 Distributed and Embedded Security	1:00	10:20 AM
Tenet-3 Global, Dynamic and Centralized Policy (Copilot Tour)	1:00	11:20 AM
Lunch Break	**1:00**	12:20 PM
Tenet-4 Secure Network Communication with E2E IPSec Encryption	0:20	1:20 PM
Tenet-5 Operational and Security Visibility	0:10	**1:40 PM**
Tenet-6 Audit, Logs, Reports and Alerts	0:10	1:50 PM
Tenet-7 Least Privilege Access	0:10	2:00 PM
Break	**0:20**	**2:10 PM**
Hands-on activity	1:30	2:30 PM
Quiz	**1:00**	4:00 PM
End		**5:00 PM**

Joe Amendolara

Joe Amendolara is a Senior Solutions Architect - ACE at Aviatrix, bringing a wealth of experience in network engineering and design. As a Cisco Certified Internetwork Expert (CCIEx4), Joe possesses deep technical knowledge and expertise in advanced networking concepts.

https://linkedin.com/in/joe-amendolara

Prior to joining Aviatrix, Joe held significant positions at Orange Business Services as a Senior Infrastructure Integration Solution Consultant and at Huawei Technologies as an IP Solution Sales Manager. His experience also includes roles at Whirlpool Corporation and Dimension Data, where he honed his skills in network engineering and service delivery management.

Joe's technical expertise spans various areas, including:

- Multicloud Networking and Security
- QoS and Multicast implementation
- IPv6 solutions deployment
- Cisco ACI (Application Centric Infrastructure)

How to Get the ACE Security Certificate

1

- ACE Associate is pre-req
- Attend the whole training

2

- Complete the Hands-on Activity!

3

- Pass the Quiz:

15 questions (75% passing score – 12 out of 15 questions).

3 Attempts allowed.

4

- Complete the Survey

Please do not share the Quiz, Hands-on lab and Survey links outside of the zoom session

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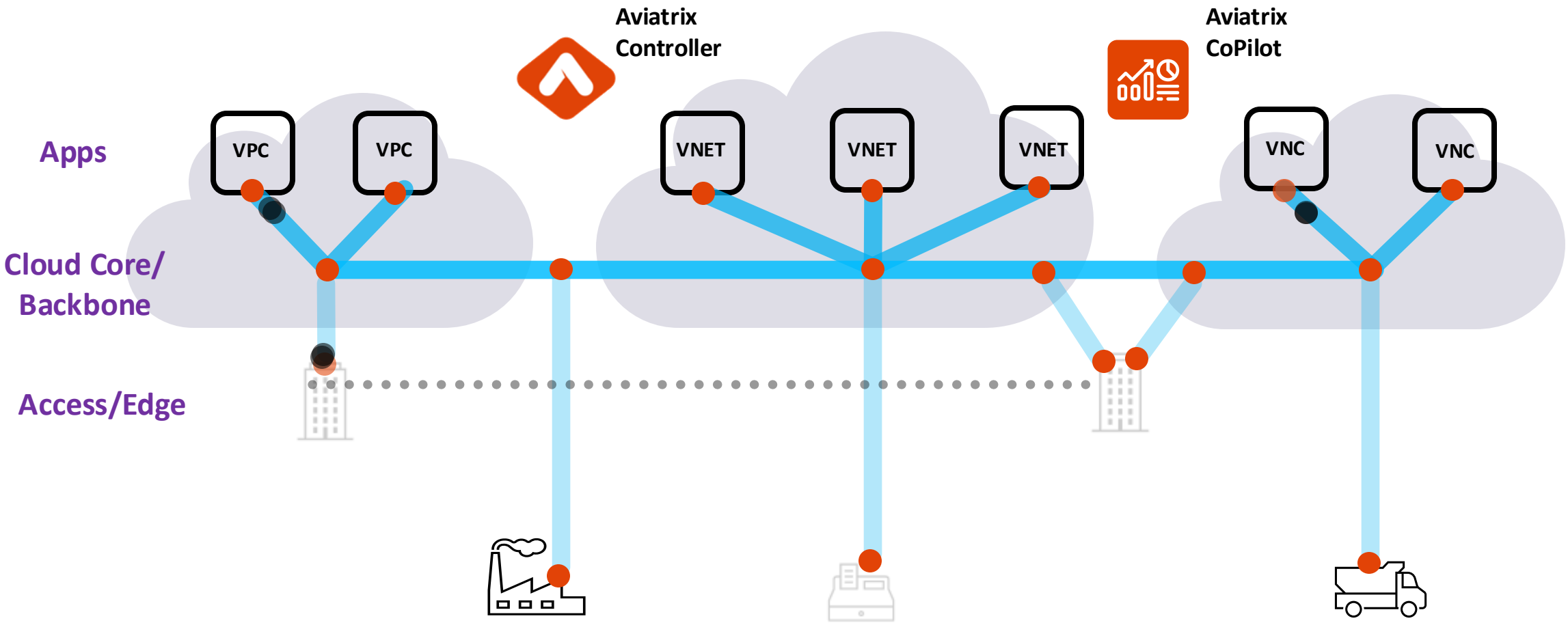
Aviatrix Cloud Native Security Fabric (CNSF)

Embedded Security and Operations – The data plane sees every packet



Warm-up: Access to the POD for the hands-on activity

Next: Zero Trust Network Architecture Tenets