



# **ACE Cloud Security**

**ACE Solutions Architecture Team** 

#### **ACE Learning Paths**



**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)



Design a highly available, scalable, and secure multi-cloud architecture (in-person)



Learn CSP networking basics and review Aviatrix features.
Mandatory course.
Starting point of your cloud networking journey.

**AVIATRIX** 

**ACE** 

**ASSOCIATE** 

(5 Hours Self-Paced)



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 highperformance hybrid cloud solutions using Aviatrix Edge (1 Day ILT)





# Aviatrix ACE Security Course Agenda



Topics	Approx. Duration (Minutes)
Introduction	10
Zero Trust Architecture (ZTA or ZTNA)	20
Asset Inventory and Grouping (Smart Groups)	15
Break	15
Aviatrix Cloud Firewall	25
Distributed Cloud Firewall & FireNet	25
Lab	60
Micro Segmentation	15
ThreatIQ and Anomaly Detection	15
Break	15
Security Visibility	10
NetFlow, Alerts, RBAC	15
Total Duration	240 min (4 hours)





### 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.

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)



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## How to Get the ACE Security Certificate





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

## Complete the Hands-on Activity!

#### Pass the Quiz:

- 15 questions (75% passing score 12 out of 15 questions).
- 3 Attempts allowed. Based on the demo lab pod.

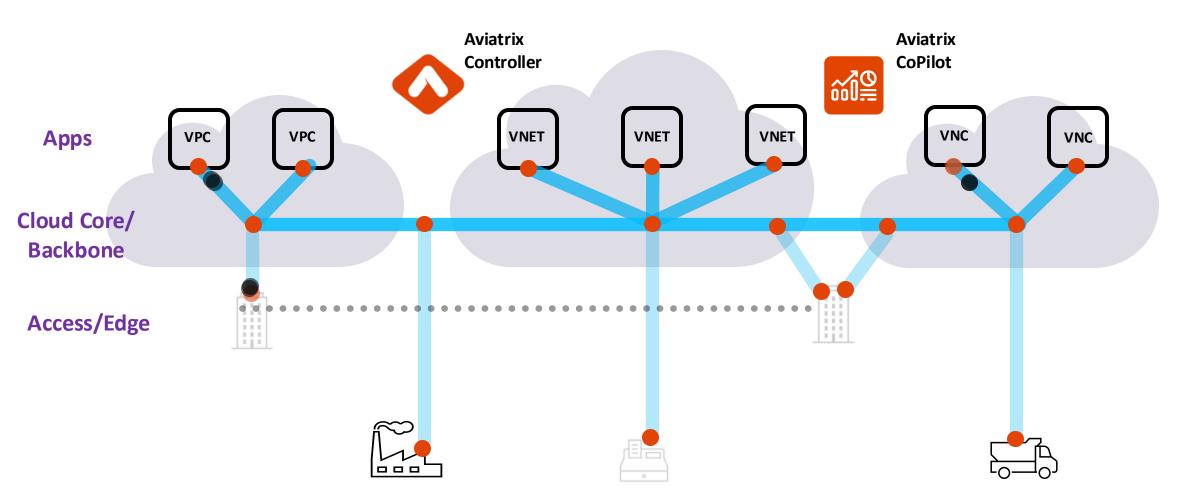
**Complete the Survey** 

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



# Aviatrix Secure Cloud Networking | Distributed Security and Operations

#### **Embedded Security and Operations – The data plane sees every packet**







Next: Zero Trust Network Architecture Tenets

