



ACE Cloud and Multicloud Security

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Aviatrix Awards and Recognitions



Best IT Company of the Year for IT Cloud



Ranked No. 711



Top 25 Enterprise Technology Startups Powering the Economy



Ranked No. 146



Hot Company of the Year for IT Cloud



Multiple CRN Top 10 Lists

Recognitions from the #1 trusted source for IT channel news

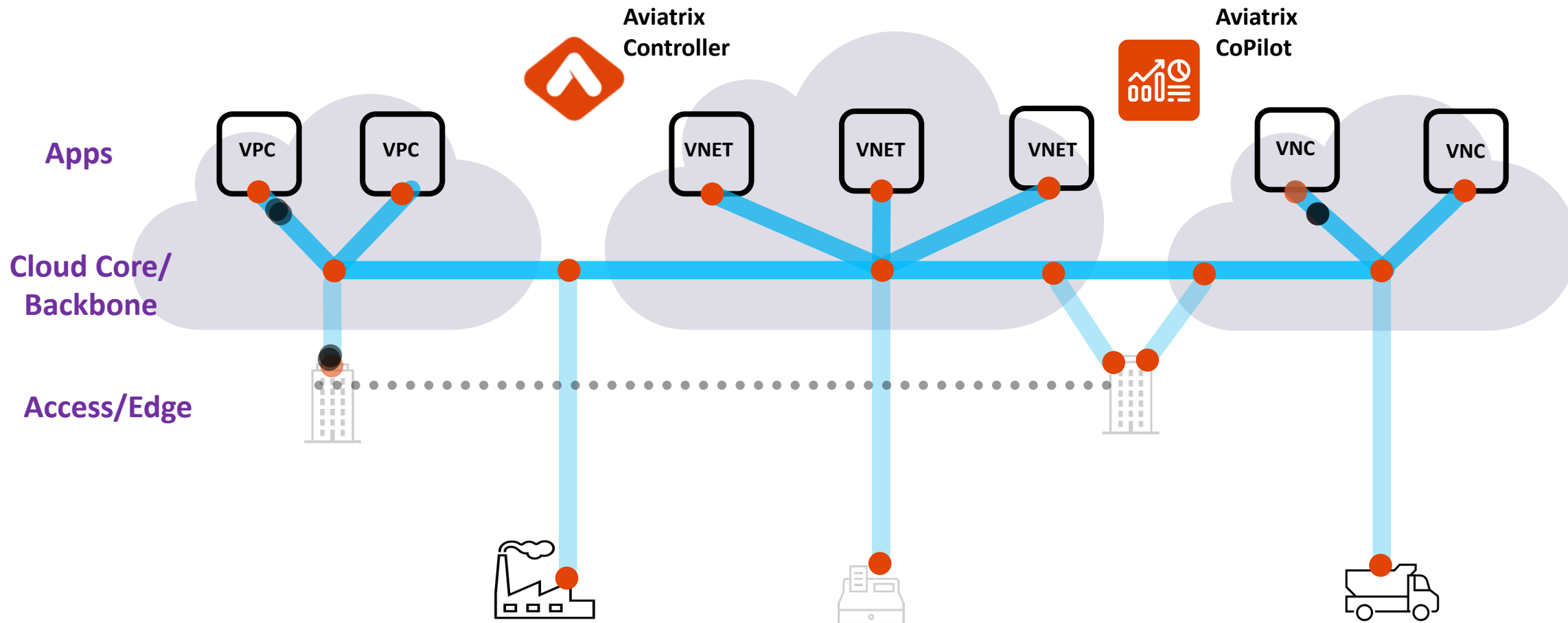


Aviatrix is Trusted by 500+ of the World's Most Innovative Companies

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 Cummins	 DELL	 dōTERRA	 DXC TECHNOLOGY	 e.on	 FACTSET	 U.S. DEPARTMENT OF HOVEMLAND SECURITY FEMA	 Ford	 Genworth	 GN
 GUIDEWIRE	 Heineken	 Home Office	 Informatica	 inmarsat	 Johnson Controls	Jefferies	 Lufthansa Systems	 lululemon	 LG
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 Roche	 SIEMENS	 splunk	 Takeda	 THALES	 UNITED AIRLINES	 VERINT		 WIX	 YARA

Aviatrix Secure Cloud Networking | Distributed Security and Operations

Embedded Security and Operations – The data plane sees every packet



Course Objectives and Goals

CURRENT TRENDS:

- Business-critical apps need advanced security controls with resiliency
- Customers need “cloud-friendly” and “modernized” security solutions.

OBJECTIVE:

- Overview security features with a simple and repeatable approach
- Augment CSP features with consistent security designs

GOALS:

- Design a Resilient Zero Trust Network Architecture (ZTNA)



- <https://www.nist.gov/publications/zero-trust-architecture>
- Reap the advantages of using a distributed security model over a centralized model
- Save costs while improving security.
- Best practice, repeatable security design for single, multiple, and hybrid clouds.

Expectations from Today's Session



Focus on cloud security topics. Use Q&A panel to ask questions.



This is an overview session. We won't discuss designs or corner cases here.



Today's training is wider.



Fast paced and some overlap with ACE-Pro content



<https://selfservice.aviatrix.com> Use Aviatrix Self-Service to try it out yourself. Launched in 20 min. When done, destroy.

Aviatrix ACE Security Course Agenda



Topics	Approx. Duration (Minutes)
Introduction	10
Zero Trust Architecture (ZTA or ZTNA)	15
CSP Security Services	15
Smart Groups	15
Break	10
Distributed Cloud Firewall	30
Securing Internet Egress Traffic	15
Network Segmentation	15
Micro Segmentation	20
Break	10
Advanced NAT	15
ThreatIQ and Geoblocking	15
High Performance Encryption	15
Security Operations and Visibility - Demo	30
Break	10
Netflow, Alerts, and Reports – Demo	30
RBAC and User VPN	15
Self-Service LAB and Quiz	30
Total Duration	300 min (5 hours)

Big Brands Betting Big on



ACE Multicloud Networking Certification Program

The Aviatrix Certified Engineer (ACE) Program is the industry's first and only multicloud networking certification.

Its comprehensive training and specialized courses provide a deep understanding of building, operating, automating, scaling, and securing multicloud networks across AWS, Azure, Google Cloud, Oracle Cloud Infrastructure, and more.

The ACE Program ensures participants are equipped with best practices that span all major cloud providers, as well as the Aviatrix Cloud Networking Platform.



Standard Learning Path



6 Hours

Learn CSP networking basics and review Aviatrix features



3 Days

Deploy proven design patterns for a multicloud network architecture



Weeks

Design a highly available, scalable, and secure multicloud architecture

Optional Specialty Trainings



6 Hours

Learn CSP networking basics and SAP fundamentals with a focus on S/4HANA



4 Hours

Use IaC tools to build, enhance, and secure infrastructure



8 Hours

Troubleshoot real-world Day 2 cloud issues

How to Get the ACE Security Certificate

- Attend the training
- Pass the Quiz (12 questions)
 - 66% Pass rate
 - Retake is allowed
 - Based on the Demo Lab Pod
- Complete the Survey
- Please do not share the Quiz and Survey links outside of this group



Aviatrix Certified Engineer (ACE)

<https://aviatrix.com/ACE>



COMMUNITY

<https://community.aviatrix.com>