ACE Cloud Security

ACE Solutions Architecture Team

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

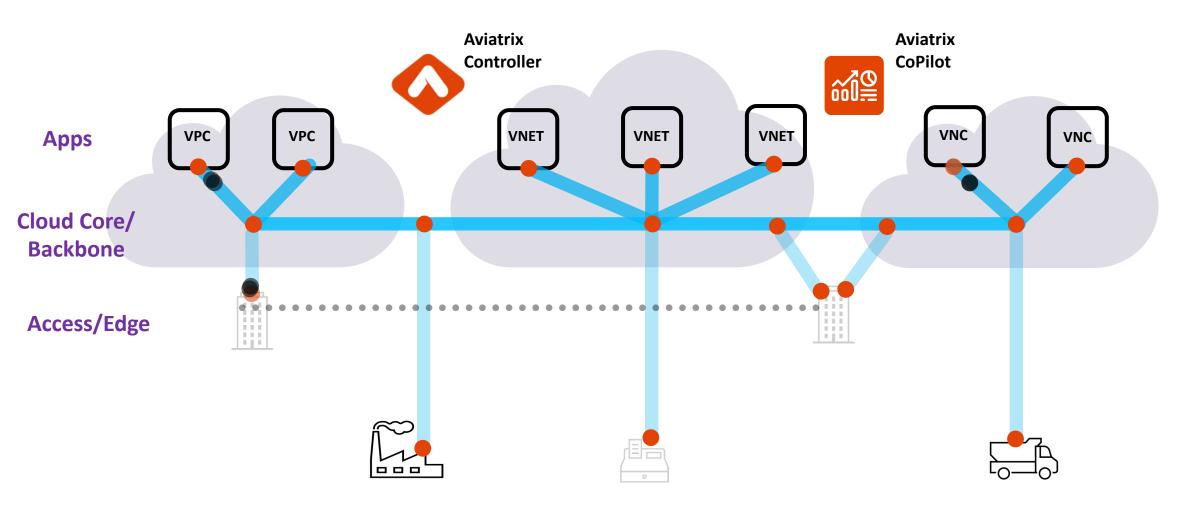# Aviatrix is Trusted by 500+ of the World's Most Innovative Companies

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.

Approach

Focus is on Cloud security topics.

This is an overview session.

Fast paced and some overlap with ACE-Pro content

Access to read-only demo lab during the course

Use Aviatrix Self-Service to try it out yourself. When done, destroy.

Aviatrix Self Service Launch Tool (SSLT) https://selfservice.aviatrix.com

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
Break	**10**
Micro Segmentation	20
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

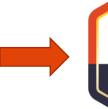# ACE Multicloud Networking Certification Program

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

- It's comprehensive training and specialized courses provide a deep understanding of building, operating, automating, scaling, and securing multi-cloud 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 and 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 Cloud Backbone and Hybrid Networking

4 Hours
Use IaC tools to build, enhance, and secure infrastructure

8 Hours
Troubleshoot real-world Day 2 cloud issues

Instructors

Shahzad Ali

VP, Solutions Architecture

https://youtube.com/netJoints

https://Linkedin.com/in/ShahzadNET

USA

Rizwan Jamal

Senior Solutions Architect,
Aviatrix

Past: Equinix, Microsoft, Cisco
linkedin.com/in/rizwan-j-35429723/

Canada

How to Get the ACE Security Certificate

1

ACE Associate is highly recommended and will be pre-req in future.

Attend the training.

2

Pass the Quiz. 12questions. 66% passing score. Retake allowed. Based on the demo lab pod

3

Complete the Survey

Please do not share the Quiz and Survey links outside of this group

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https://community.aviatrix.com