



Multi-Cloud Network Architecture MCNA

ACE Team

CSP Networking Has Gaps | You Need a Cloud Agnostic Product (Hint: Aviatrix) AVIATRIX CERTIFIED **CSP** Cloud is New Data Center On-Prem Data Center Networking Gaps and Limitations **Enterprise-Class Cloud Networking and** Security **Basic Cloud** aws ORACLE" Networking **vm**ware **Evolution of Networking** Virtual Virtual No Virtual CISCO. Customer Access **Physical Physical** Physical Physical **Private Cloud Public Cloud** On Premise

https://packetpushers.net/podcasts/heavy-networking/hn507-build-and-run-a-multi-cloud-network-architecture-with-aviatrix-sponsored/

Cloud Expertise Development



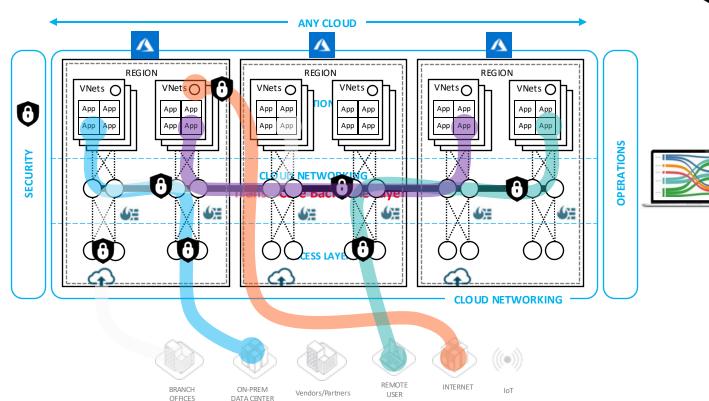
Seven years ago, Aviatrix assembled a team of cloud networking specialists to tackle a fundamental question: "What would you need to do secure cloud networking in the cloud as far as a reference architecture is concerned?" Through intensive collaboration, these experts developed a groundbreaking reference architecture that would serve as the foundation for the Aviatrix Cloud Firewall.



Cloud Network Reference Architecture (Single Cloud)



- Single Cloud, Multi-Region, Multi-Account
- Repeatable Network
 Design and
 Infrastructure as
 Code Automation
- Service Insertion and Chaining
- De facto Cloud Firewall
- Common Operational Visibility and Control

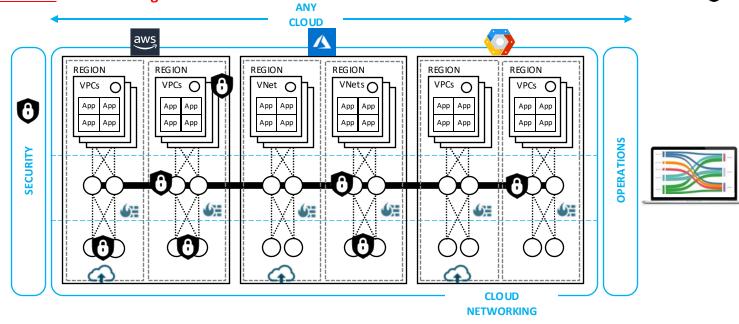


Multicloud Network Architecture (MCNA)



The Blueprint of Your Multicloud Network Design

- Multicloud, Multi-Region, Multi-Account
- Repeatable Network
 Design and
 Infrastructure as Code
 Automation
- Service Insertion and Chaining
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- Common Operational Visibility and Control











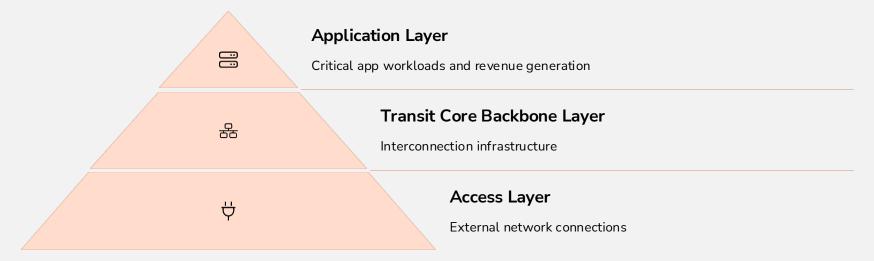
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The Multi-Cloud Network Architecture (MCNA)

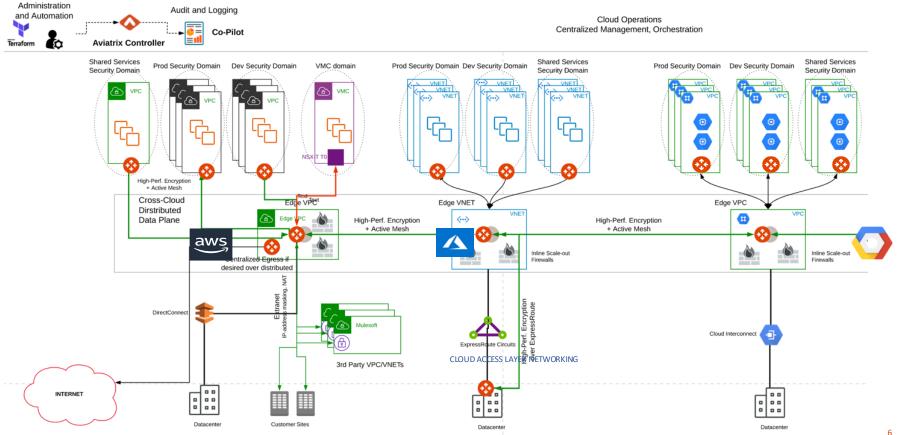


Building on their cloud expertise, Aviatrix developed the Multi-Cloud Network Architecture (MCNA), a distinctive three-tier architecture that effectively interconnects cloud regions, service providers, and external networks while maintaining end-to-end security.

This tiered structure forms the networking foundation of the Aviatrix solution, providing a standardized yet flexible framework that can be implemented across multiple cloud environments or within a single cloud service provider's ecosystem.

Customer's HLD | 3 Years Long Project | MCNA







Next: Transit Networking

