

TOP TEN REASONS: AWS and Aviatrix Simplified Cloud Networking

Amazon Web Services (AWS) provides an impressive set of capabilities for building out advanced networking architectures. As these architectures grow in complexity to include many AWS accounts and regions, it can become difficult to gain a holistic view of the network. To address this, Aviatrix enhances cloud-native capabilities within AWS by offering enterprise-grade visibility, troubleshooting, and monitoring tools.

Aviatrix is an AWS ISV X Partner (since 2015), and one of the few AWS ISVs with both the Network Software Competency and Security Software Competency.



- Security Software Competency
- Networking Software Competency

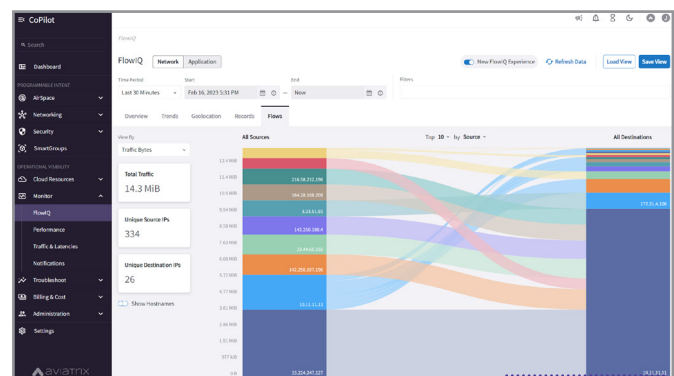
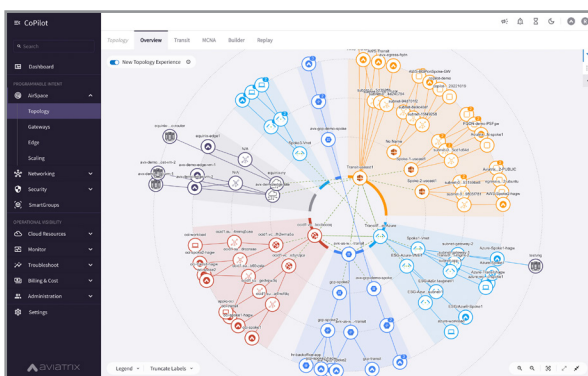
Discover the top 10 reasons to explore Aviatrix Simplified Cloud Networking and unlock its advanced capabilities that streamline day-to-day operations effortlessly.

1 SEAMLESS INTEGRATION:

Aviatrix delivers advanced networking capabilities by seamlessly integrating with AWS, offering features like enhanced security, global transit networking, and network segmentation. The collaborative solution provides the convenience of a single management interface, enabling customers to manage their entire multicloud network infrastructure for streamlined operations centrally.

2 DEEP VISIBILITY AND CONTROL:

Aviatrix CoPilot, with an excellent GUI, provides unparalleled visibility into both the data plane and control plane of their network, empowering you with valuable insights for optimized infrastructure management, precise network policy control, and enhanced security configurations.



View a [Demo of CoPilot](#)

3 NON-DISRUPTIVE AUTOMATED DEPLOYMENT:

Aviatrix offers an automated deployment using a Terraform Module, ensuring smooth implementation without disruptions. It provides centralized, granular controls for traffic steering, network security policy, and application-level security policy, acting as single uniform routing and firewall system across your entire multicloud network. When connected to AWS Transit Gateway, Aviatrix Gateways unlock the full benefits, allowing easy launch from the AWS Marketplace and attachment to existing AWS Transit Gateways. The Aviatrix Controller automatically manages your AWS route tables, or you can use pre-built Terraform modules available on HashiCorp's website under Aviatrix.

4

SINGLE PANE OF GLASS:

Aviatrix CoPilot offers a unified topology view, allowing users to visualize their entire network across regions and cloud providers easily. With a single pane of glass, users can drill down to specific gateways, providing a full end-to-end view for efficient network management.

5

FLOW ANALYSIS AND INTELLIGENCE:

Aviatrix identifies trends and provides valuable insights by performing deep analysis on collected data. You can further explore individual traffic flows across various fields of NetFlow logs, aiding in root cause analysis, security investigations, and compliance confirmation.

6

COST SAVINGS:

Aviatrix Distributed Cloud Firewall for Secure Egress helps customers save on costs by eliminating data processing charges while providing real-time and historical visibility into network usage for cost optimization and future planning. Additionally, it offers flexibility with overconsumption allowance and enables accurate cost allocation for shared cloud services, facilitating easy distribution of costs by FinOps teams.

7

IMPROVED CLOUD SECURITY:

In any cloud where there is no clear perimeter, Aviatrix simplifies security by embedding it directly into the network architecture, eliminating the need for complex redesigns. This approach ensures consistent security controls, simplifies management, and reduces risks, providing a secure foundation for your cloud network infrastructure.

8

SIMPLIFY COMPLEXITIES:

To simplify cloud networking and adoption, Aviatrix provides an advanced and customizable control layer spanning various clouds. Aviatrix simplifies the management process and brings back a unified on-premises-like experience to your multicloud environment.

9

FIREWALL SERVICE INSERTION:

Aviatrix seamlessly integrates with popular NGFWs like Palo Alto Networks, Check Point, Fortinet, and F5 firewalls. With Aviatrix FireNet, organizations can achieve high-performance load balancing without SNAT and automated route propagation. This simplifies the deployment and scalability of NGFWs while ensuring a consistent and stable firewall architecture across all clouds.

10

CONSISTENT NETWORKING:

Aviatrix ensures a consistent and reliable approach to managing multiple clouds by providing repeatable designs. It enables secure and scalable networks by keeping inter-region cloud network traffic within the cloud infrastructure, ensuring high availability.

In collaboration with AWS, Aviatrix offers a simplified cloud networking solution that drives faster, more efficient, and more effective cloud operations, leading to improved performance. By leveraging the combined capabilities of Aviatrix and AWS, businesses can fully maximize the potential benefits of their cloud infrastructure, resulting in improved security, reduced IT expenses, and simplified operations.

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