ADVANCED CLOUD SERVICES CONFIGURATION SERVICES

At Aviatrix, we understand that cloud networking can sometimes feel like a maze of possibilities and challenges. That's why our team of seasoned experts is here to demystify the process, streamline your operations, and help you achieve optimal performance and security in your cloud environment. Our Configuration Services are designed to enhance your cloud infrastructure and make cloud networking a breeze.

What's Included:

Our custom service is designed to deliver a comprehensive solution for your cloud infrastructure needs. It consists of the following key phases:

Pre-Build Phase: We kick off the process by implementing the management infrastructure. This involves launching the Aviatrix Controller and Copilot in your specified cloud provider, providing you with a centralized platform to manage your infrastructure.

Expansion: Expansion is tailored to the scale Aviatrix specific use cases based on customer requirements. i.e Assistance with onboarding more accounts, regions, applications using Aviatrix solution.

Migration: The migration process is designed to seamlessly migrate either of various components i.e Transit Gateways (TGW), Transit Gateway Orchestrator (TGWO), Virtual WAN (VWAN), Native Peering and NAT Gateways to a more efficient and cost-optimized Aviatrix MCNA solution. We provide a following structured approach:

- **Discovery & Prep**: The discovery process identifies your CSP native constructs in-use and prepares the cloud native infrastructure for deployment of Aviatrix solution.
- **Deployment and Testing**: Following the discovery phase, Aviatrix Solutions are deployed within your development (DEV) or production (PROD) environments, running in parallel with your existing infrastructure. Which safeguards against disruptions to your services, enabling a seamless transition to the newly deployed Aviatrix Infrastructure.
- **Cutover**: During the cutover phase, traffic is transitioned to the newly deployed infrastructure and closely monitored for any potential impacts. This process is carefully executed in distinct phases to guarantee a smooth transition and minimize any disruptions. A rapid rollback plan is incorporated to swiftly address and mitigate any disruptions if they occur.
- **Cleanup**: Upon confirmation of a smooth cutover, our team will proceed with cleanup activities, which may involve the removal of legacy constructs such as old routing tables, peering connections, transit gateways, VPN gateways, and other redundant elements. This ensures your infrastructure remains optimized and clutter-free.

Optimize: Evaluate current network performance and offer recommendations to enhance it, meeting specific operational requirements and maintaining an optimal network setup.

Upgrades: Ensure network compliance with security patches, software versions, and related elements.

Automation: As per your requirement, we utilize industry-leading Infrastructure as Code (IaC) tools such as Terraform, AWS CloudFormation, etc. to automate the deployment, minimizing manual effort and reducing the chance of errors.

Documentation: Develop essential documentation, including design documents and diagrams, to assist in the ongoing management and troubleshooting of your Aviatrix infrastructure.