

Build Your AWS Foundation. Migrate with Confidence. Operate with Excellence.

AWS Cloud Foundation & Migration Pathway



Lay the right foundation and migrate with confidence. NexusTek's [AWS Cloud Foundation & Migration Pathway](#) helps mid-size enterprises establish a secure, scalable, governance-ready AWS Landing Zone and migrate critical workloads with minimal disruption through a comprehensive framework and best practices. With over 25 years of experience, our AWS-certified experts combine proven methodologies, automation, and strategic guidance to deliver full-lifecycle cloud adoption—from initial assessments to post-migration optimization—whether organizations are migrating from on-premises, private cloud, or hybrid environments.

WHO IT'S FOR

-  **IT Executives & CIOs**
Seeking strategic cloud adoption without business disruption.
-  **Infrastructure & Cloud Operations Leaders**
Managing workload mobility and hybrid cloud environments.
-  **Security & Compliance Stakeholders**
Enforcing secure-by-default principles.
-  **Business Leaders**
Driving modernization and agility initiatives.

KEY BENEFITS



Build a Secure, Scalable AWS Foundation

Deploy a governance-ready environment aligned with AWS best practices.



Accelerate Migration with Automation

Leverage IaC and CI/CD pipelines for faster, more consistent infrastructure rollouts.



Minimize Risk with Phased Execution

Execute structured migration waves with dependency analysis and validation.



Embed Security from Day One

Implement IAM, encryption, and compliance guardrails.



Control Costs and Maximize ROI

Optimize spend with right-sizing, automation, and commitment-based pricing.



Enable DevOps-Driven Modernization

Use cloud-native services to modernize applications and delivery.



Achieve Operational Excellence Post-Migration

Monitor, secure, and manage workloads with AWS-native observability and governance tools.

HOW IT WORKS

We begin by deploying a **secure-by-design AWS Landing Zone**, aligned to the **AWS Cloud Adoption Framework (CAF)** and **AWS Well-Architected Framework (WAF)**. This includes setup of virtual private cloud (VPC) design, security baselines and access management, tagging policies, cost governance, and compliance controls. All provisioning is automated using Infrastructure as Code (IaC) to ensure scalable, repeatable deployments.

We follow with a detailed discovery and assessment, performing workload inventory, dependency mapping, and right-sizing. With this data, we design a phased

migration strategy tailored to your business objectives, complete with financial modeling.

Migration execution is driven by **AWS Migration Hub** and includes native services for server and database migration for large-scale transfer. CI/CD automation and DevOps tools are integrated to accelerate infrastructure deployment and application delivery.

Post-migration, NexusTek ensures you gain full operational value by leveraging AWS-native tools for optimization, monitoring, and continuous security posture management.

FEATURES

AWS Landing Zone Deployment

Secure, governance-ready Landing Zone design with Identity & Access Management (IAM) and tagging best practices.

IaC Provisioning

Automated deployment of environments using Terraform and AWS CloudFormation.

DevOps Automation Enablement

Integration with AWS CodePipeline, Amazon CodeDeploy, and GitHub Actions for repeatable, secure deployments.

Workload Discovery & Assessment

Deep analysis of servers, dependencies, and sizing via AWS Application Discovery Service and Migration Evaluator.

AWS Cost Modeling & TCO Analysis

Accurate forecasts using AWS Pricing Calculator and TCO tools.

Phased Migration Execution

Minimize downtime and risk through staged, validated migration waves.

AWS-Native Migration Tools

Migration execution using AWS Migration Hub, Server Migration Service, Database Migration Service, and DataSync.

Post-Migration Optimization

Operational tuning and continuous improvement using AWS CloudWatch, Security Hub, and Cost Explorer.

Security & Compliance Framework Alignment

Adherence with AWS WAF, CIS benchmarks, and industry regulatory standards.

Ready to get started?
Contact us today or visit nexustek.com

NexusTek Is a Trusted AWS Partner

More than 350 engineers, 600+ cloud certifications, and 25+ years of experience delivering hybrid cloud, security, and modernization solutions.

AWARD - WINNING

