



Modernization and Migration Factories for AWS

Infrastructure Migration Factory

● Infrastructure Migration Roadblocks ●

As enterprises modernize their digital foundations, migrating infrastructure to the cloud has become a key enabler of agility, performance, and innovation. AWS provides a scalable and secure platform to transform IT operations and future-proof enterprise architecture. However, transitioning infrastructure from legacy environments to the cloud brings its own set of complexities, such as:

Interoperability Gaps



Differences in design patterns across on-premises and other clouds complicate integration

Complexity Management



Migrating intricate network components and replicating usage patterns on AWS is complex

Cost Management



Large-scale migrations add complexity and elevate costs without the right optimization strategy

Resource Constraints



Limited availability of skilled experts across AWS and other cloud platforms

Security & Compliance



Maintaining security posture and compliance standards requires rigorous due diligence and planning

● The SNAP Methodology: Your Strategic Path to AWS Migration ●

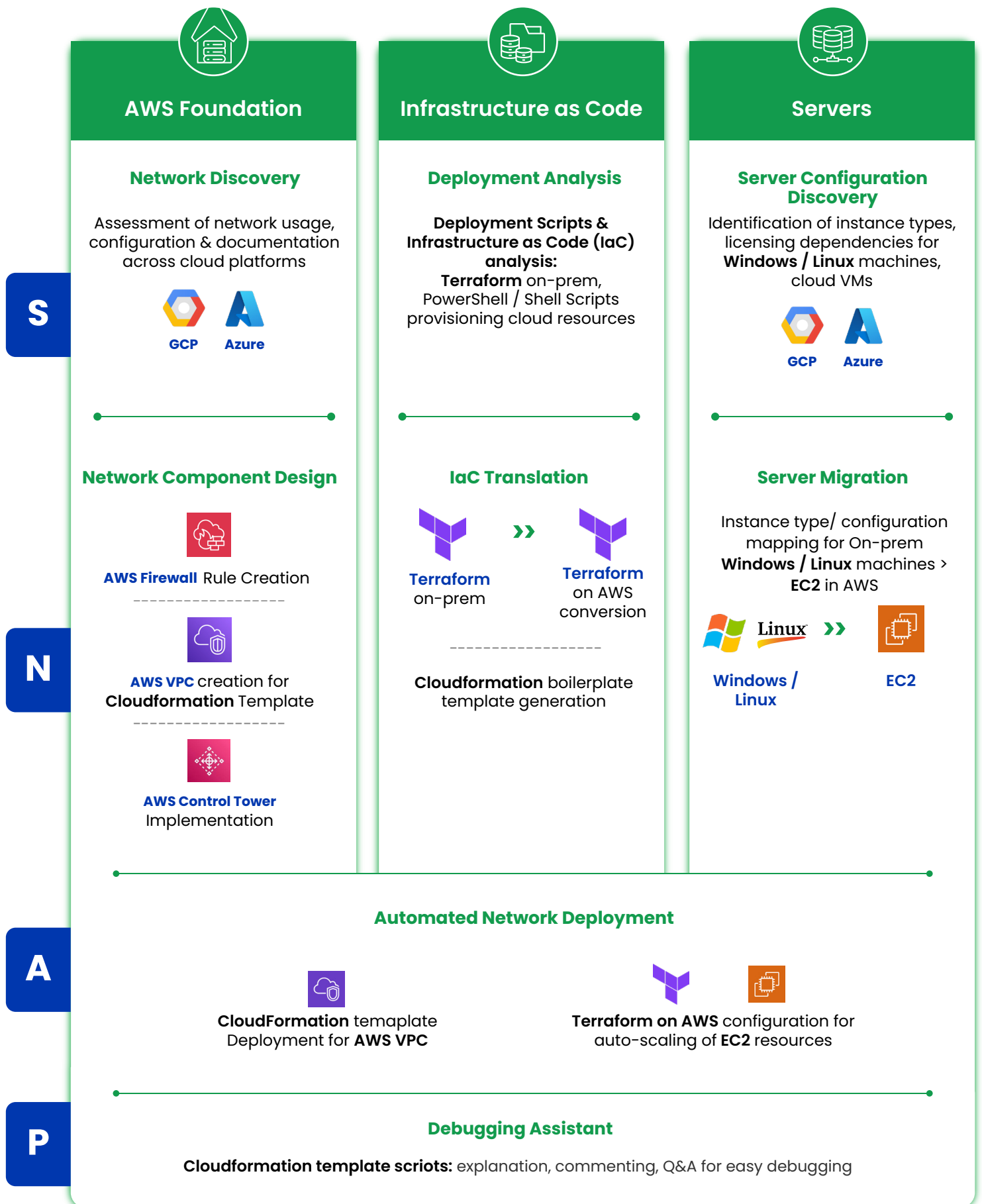
Qatapult Infrastructure Migration Factory delivers secure, cost-efficient infrastructure migration to AWS through an AI-powered, factory-driven approach. Our SNAP (Strategize-Navigate-Automate-Persist) methodology, enhanced with GenAI capabilities, accelerates migration with built-in compliance, optimized infrastructure costs, and minimal operational disruption. Our factory streamlines end-to-end infrastructure migration- including AWS foundation, infrastructure as code, and servers- delivering:

~30%

Faster Workload
Migration

~40%

Process Automation with
AI-powered Qatapult and Codeaira



Customer Success Story

Cross-platform Infrastructure Migration for a Financial Services Company



Challenges

- Inability to derive actionable insights from siloed data sources
- High operational costs stemming from legacy infrastructure
- Need for a secure, scalable, and modern cloud solution to support multi-account, multi-environment operations



Solution

- Assessed the client's Azure landscape, including servers, databases, and virtual machines
- Developed a high-level migration blueprint with a scalable, multi-account AWS landing zone architecture
- Devised a security, monitoring, and governance framework aligned with best practices
- Set up AWS infrastructure with essential networking and logging services
- Created structured data migration batches aligned with business application mapping



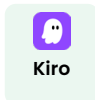
Business Impact

- Reduced infrastructure and operational costs post-migration
- Enabled real-time, actionable insights through better data access and visibility
- Strengthened security posture with comprehensive monitoring and governance controls
- Seamlessly migrated **~178 GB** of data across **7** databases and virtual machines without disruption

Accelerating Your AWS Journey with Confidence

AI-Powered Innovation

Powered by



& Quantiphi's
Agentic Principles

- Purpose-built Microsolutions and Reusable Blueprints
- Smart Utilities (Bi-directional Sync, Data Reconciliation, Landing Zone Framework) for Rapid Transformation
- Automated Remediation and Optimization

AWS Mastery

- **16** AWS Competencies
- Global **F2000** customer success
- Well-Architected Framework Alignment
- AWS MAP Funding Expertise

Expert Delivery

- AWS-Certified Professionals
- Talent Combining Tech, Business & Domain Expertise
- Proven SNAP Methodology
- **24/7** Global Support

Reach
out to



Jim Keller,
AWS Global Leader,
james.keller@quantiphi.com

Quantiphi is an award-winning AI-first digital engineering company driven by the desire to reimagine and realize transformational opportunities at the heart of business. We are passionate about our customers and obsessed with problem-solving to make products smarter, customer experiences frictionless, processes autonomous and businesses safer.

Amsterdam | Boston | Bangalore | London | Mumbai | Princeton | San Jose | Toronto | Trivandrum

aws.practice@quantiphi.com



Follow us on:

