NODE4

Adopt: Azure Migration Services
Our tailored Migration Services for Azure

Node4's Azure Migration Services provides a comprehensive consulting package allowing customers to leverage a team of experts across Infrastructure, Database, DevOps, Networking and Security.

Understanding your move to Azure

Migrating your workloads and production services to Azure can be a challenging and costly exercise if poorly executed. Although it's relatively easy to undertake a "lift and shift" server migration to Azure this rarely delivers on customers transformation and ROI requirements. Ensuring a best practice deployment and the appropriate governance controls is also frequently overlooked as part of migration planning.

Node4's Migration Services typically follow the successful deployment of a Landing Zone. Our team work closely with the customer to assess migration workloads and move a cloud-native operating model which will ensure a maximum return of a migration to Azure.

A best practice approach to cloud adoption

Our typical approach to a migration focuses on move groups aligned to an application or a service line. In each case we will undertake the below process for each application:

- **Assess:** Evaluate an existing asset and establish a plan for migration of the asset.
- **Migrate:** Replicate the functionality of an asset into the Landing Zone infrastructure.
- **Optimise/Testing:** Review the performance, cost, access, and operational capacity of a cloud asset.
- **Go-Live:** Ensure a cloud asset is ready for ongoing operations.

What you can expect

✓	Experienced migration team
✓	Architect led
✓	Real-time collaboration using Slack or Teams
✓	Access to migration tool sets
✓	Database expertise

Migration Assessment

The Migration Assessment provides an analysis of your existing workloads to provide an overview of infrastructure and application requirements. In an ideal migration, every asset (infrastructure, app, or data) would be compatible with a cloud platform and ready for migration. Not every asset is compatible with cloud platforms, therefore, before migrating a workload to the cloud, it is important to assess the workload and each related asset.

The exercise can also collect a level of application dependency information in a raw format allowing you to start planning migration activities. Node4 use a range of tools depending on the workloads and scenarios, but these include: Cloudamize, Turobonomic, Azure Migrate, Node4 DBA Assessment Scripts, Data Migration Assessment, and service map.

For more information on our Azure Migration Services or other products and services we offer please call our team today on 0845 123 2222 or email us at info@node4.co.uk

SQL Server Migrations

Our specialist DBA team manage 1,000's of SQL Server databases worldwide and handling the migration of SQL Server workloads to Azure is a common task. Working with the application owners and development team, our DBA's will review modernisation opportunities for PaaS services such as Azure SQL and Data Factory. We'll also be on hand to performance tune and test the databases prior to go-live.
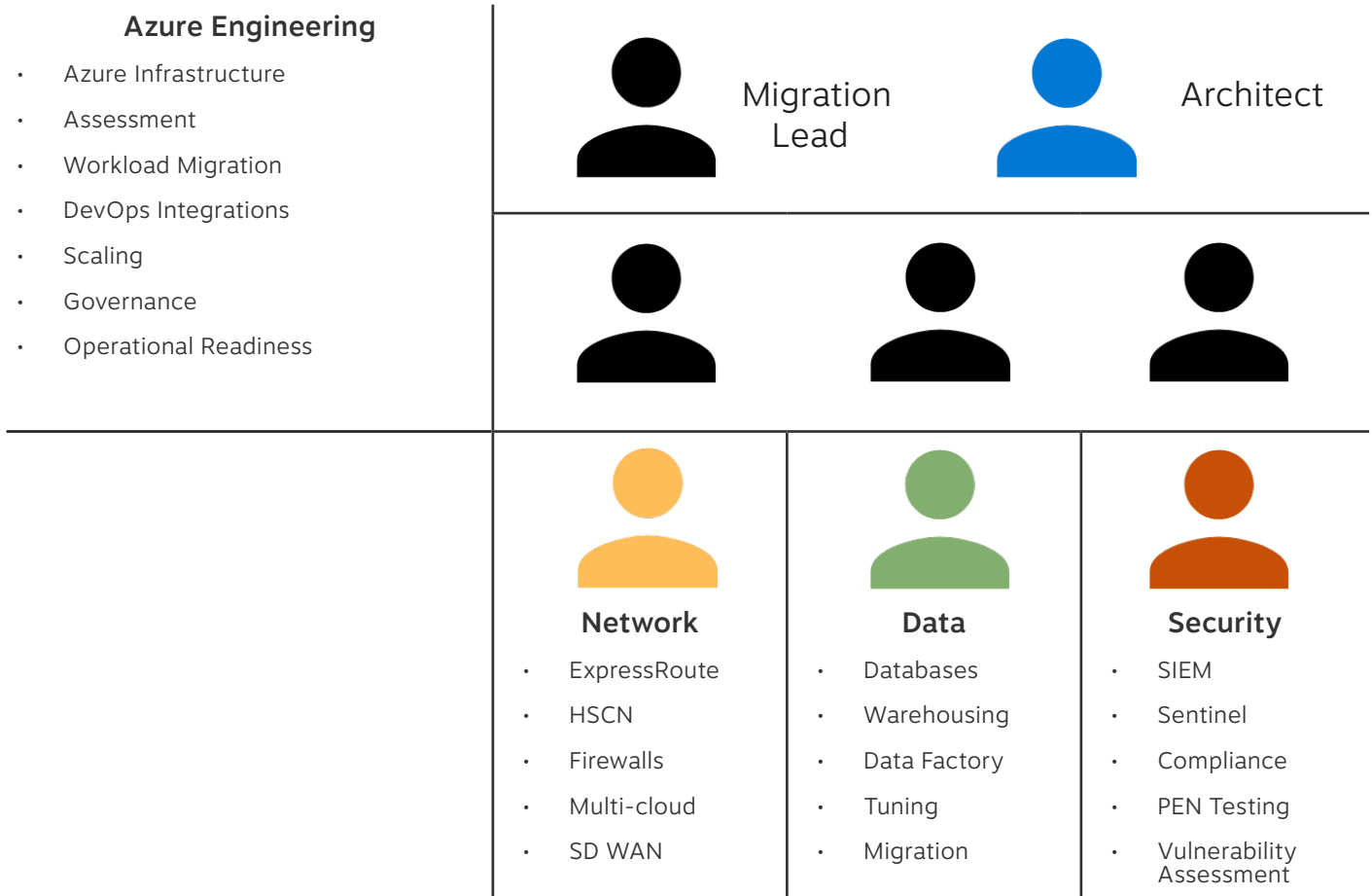
Migration Squad

One of the benefits of using Node4 to deliver a migration to Azure is that the migration project will be delivered by a multi-skilled Squad which will typically include the skills:

Squad Member(s)	Typical Skills
Azure Engineer	Azure Accredited (all Azure Services) **Microsoft:** AD, Windows, IIS, Clustering, Virtual Desktops, .net **Services:** FTP, SMTP, File Services, DNS **Open Source:** Linux, Apache, NGINX, Docker, Kubernetes, **DevOps:** Jenkins, Git, Ansible, Terraform, PowerShell, Bash
Network Engineer	ExpressRoute, HSCN Multi-cloud – AWS, Hybrid & GCP Integration MPLS integration SD-WAN NSG Firewalls
Data Engineer	SQL Server, Oracle, MySQL, Couchbase, MongoDB Data Warehousing SSIS/Data Factory SSRS RAC, RMAN, DB Visit, Data Vault Azure SQL, Cosmos DB Performance Tuning Databricks
Security Engineer	CREST Accredited Pen Testers Sentinel, Security Centre DDOS, Threat Mitigation, Vulnerability Management

For more information on our Azure Migration Services or other products and services we offer please call our team today on 0845 123 2222 or email us at info@node4.co.uk

Empowering business to do more

Delivering the migration objectives

The migration squad will work as a team to deliver the objectives of the migration:

Azure Engineering

- Azure Infrastructure
- Assessment
- Workload Migration
- DevOps Integrations
- Scaling
- Governance
- Operational Readiness

Migration Lead

Architect

Network

- ExpressRoute
- HSCN
- Firewalls
- Multi-cloud
- SD WAN

Data

- Databases
- Warehousing
- Data Factory
- Tuning
- Migration

Security

- SIEM
- Sentinel
- Compliance
- PEN Testing
- Vulnerability Assessment

Communication

Each migration project will have an associated plan that will be managed by the Migration Lead. Typically, the communication structure takes the following format:

- Weekly Project Review and Plan Update
- Real-time task collaboration using either Slack or Teams
- Change Meetings
- Project on-site workshops on a required basis

For more information on our **Azure Migration Services** or other products and services we offer please call our team today on **0845 123 2222** or email us at **info@node4.co.uk**

node4.co.uk

Empowering business to do more