NODE4

Ready: Landing Zone Deployment

Our tailored Landing Zone Deployment Package for Azure

This service will provide customers with an accelerated, best practice Azure deployment, delivering a set of personalised blueprints which automate the deployment of guardrails and supporting services in-line with the Cloud Adoption Framework.

Understanding your move to Azure

Balancing the needs of development teams that want frictionless use of Azure to deliver rapid transformation with the corporate governance requirements is challenging. Deploying Azure in-line with best practices to understand the different technologies, configurations and available guardrails requires specialist knowledge and the expertise of operating Azure at scale.

A best practice approach to cloud adoption

A landing zone is the basic building block of any cloud adoption environment. This solution provides a rapid accelerator to deploy a best practice Azure environment. Ensuring the basics such as Management Groups, Subscription Structure and RBAC are configured correctly at the start helps to prevent time-consuming changes in the future.

Governance guardrails, such as policies, locks, cost management and logging can prevent expensive mistakes and inconsistencies between projects. Enterprise tooling such as Sentinel, Monitoring and specialised blueprints will provide visibility of the performance and compliance across projects.

Our Landing Zone Deployment Package is an expert-led delivery leveraging a range of templates and Azure assets to meet the requirements of your compliance and operational goals. This means that you can deliver transformation quickly from Azure, without having to accept a steep and difficult learning curve.

Infrastructure as Code (IaC)

The Node4 Landing Zone is the first step for customers looking to operate in an Infrastructure as Code (IaC) model and ensure that Azure and the deployment approach is built in an automated and repeatable way.

IaC is a process of managing and provisioning Azure using either a declarative or imperative approach whilst setting configuration using definition files instead of traditional interactive configuration tools.

Landing Zone deployments heavily utilise Azure Blueprints, which are personalised to meet your governance and operational needs. Blueprints can be easily integrated into deployment pipelines and where you need more granular deployments, We will use tools such as Terraform and Ansible to support an IaC model.

Benefits

Operating Azure as Code provides the following key benefits:

- Consistently achieve standardised provisioning or deployment, removing human error;

- Accelerate provisioning and deployment times;

- Reusable code for repeatable or similar provisioning or deployment;

- Easily extensible code for incorporating with additional modules and items

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Key Features

Deliverables of Node4's Landing Zone Deployment Package

	Standard	Advanced	Enterprise
Active Primitives			
Management Groups	✓	✓	✓
Subscription Structure	✓	✓	✓
Tagging Standards	✓	✓	✓
Naming Standards	✓	✓	✓
Resource Groups	✓	✓	✓
Governance			
Azure Policies	**Basic**	✓	✓
Cost Management	✓	✓	✓
Secure VNet	✓	✓	✓
Hub & Spoke Networks	✓	✓	✓
Security Centre	-	✓	✓
Key Vault	✓	✓	✓
Locks	✓	✓	✓
Network Security Groups	✓	✓	✓
Sentinel	-	-	✓
Operations			
Management Network	✓	✓	✓
Bastion	✓	✓	✓
VPN/ExpressRoute	✓	✓	✓
Log Analytics	-	-	✓
Azure Monitor	-	-	✓