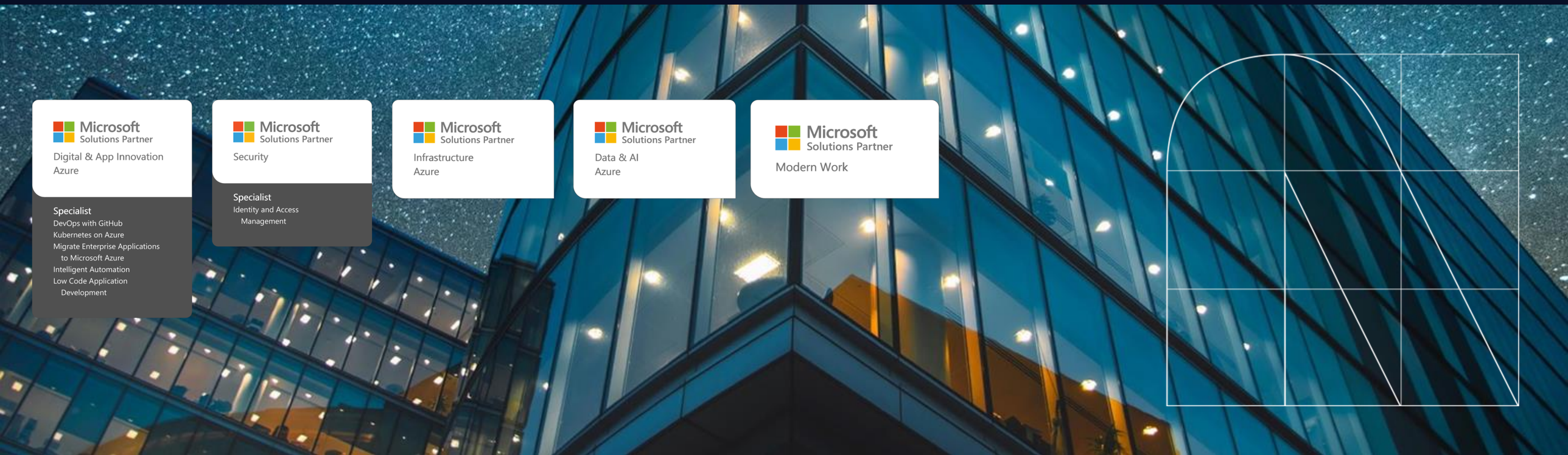
Azure Enterprise Landing Zone Jumpstart

“Unlock the full potential of your cloud journey with NTT DATA secure and scalable solution designed for enterprise success”



How can organizations adopt Azure cloud services with the right foundations?

Cloud Adoption Framework

Today organisations face the challenge of how to accelerate the cloud adoption journey whilst ensuring security, governance and compliance at enterprise-scale. Meanwhile, as the demand grows for business applications, organisations must determine how to set the right foundation for cloud cost management and control.

Challenges

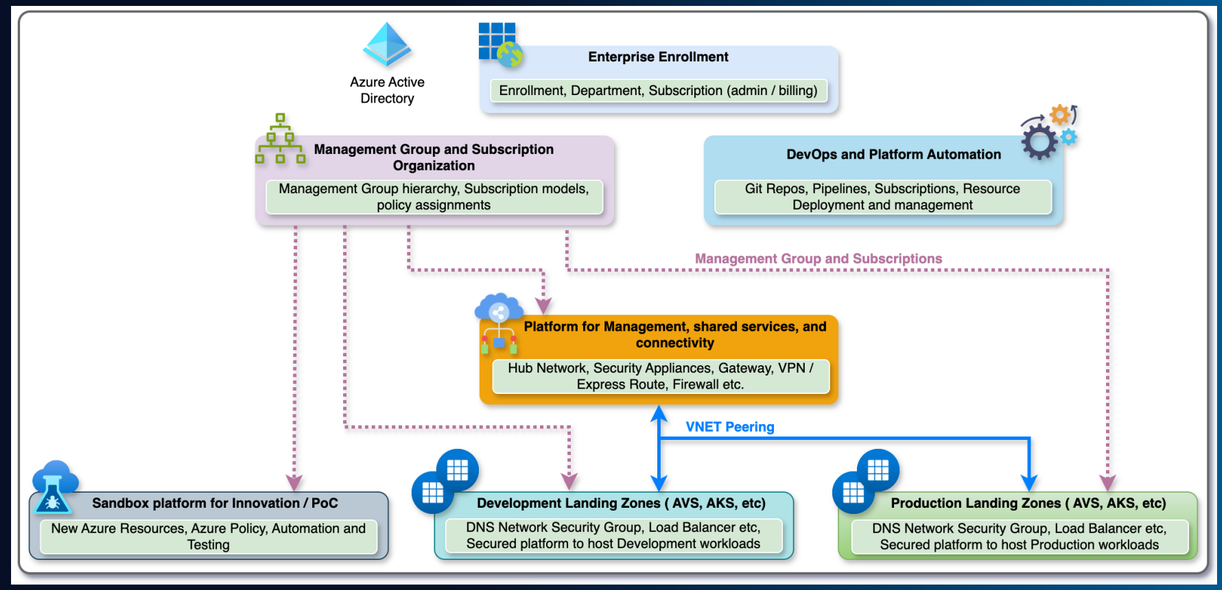
Organisations today often face the problem of how to ensure that all necessary foundational utilities are aligned for optimal use of Azure cloud services such as scalability, security, and governance while ensuring the best cloud operating models that fits the organisation needs.

Ideal solution

Implementation of a shared services platform that provides scalable foundation to host different applications in cloud with assurance of industry standard compliance and security to meet business demand.

Desired Outcomes

Build a comprehensive, efficient, secure and scalable environment based on the Cloud Adoption Framework that reduce inefficiency and supports all types of applications; alongside the provision of guardrails to ensure compliance for existing and new workloads in the Azure cloud.



NTT DATA Landing zone Jumpstart

Tailored solution to accelerate your cloud adoption

Based on our experience delivering Azure Enterprise Scale Landing zone solutions for clients across different sectors, NTT DATA leverage **pre-built solutions to accelerate the delivery** of the Azure cloud foundations.

Our solution address common challenges of the cloud adoption journey such as having a **cost-efficient platform, security-by-design and scalable environment** that enable application migration, modernisation, and innovation at scale.

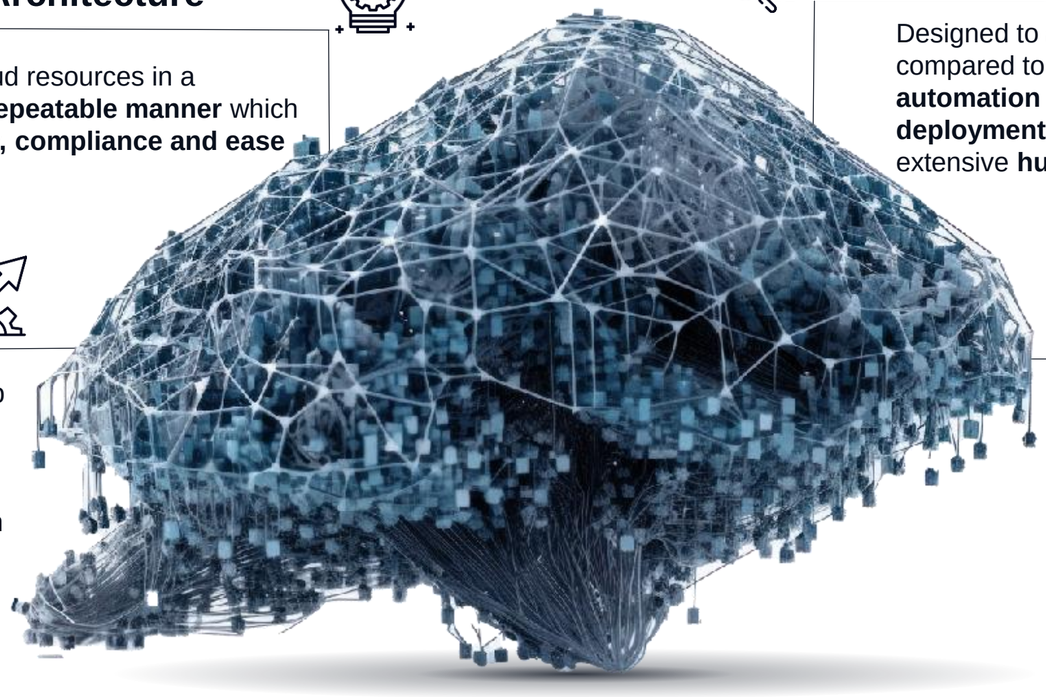
We apply policy-driven governance that provides guardrails to ensure compliance and security for existing and new workloads with optimal use of Azure Cloud services.

Standard and consistent Architecture

Deploy Azure cloud resources in a **consistent and repeatable manner** which **ensures security, compliance and ease of management.**

Cost effective solution

Designed to achieve significant cost reductions compared to standard process. By **leveraging automation and best practices**, not only **accelerates deployment times** but also **reduces** the need for extensive **human intervention** and troubleshooting



Faster time to value

Accelerate the process of setting up a cloud environment in Azure using our predefined approach based on **best practices** provided by **Microsoft** for resource deployment in a quick and efficient way.

Improved Governance & Controls

Our approach significantly enhances governance and controls by integrating **automated policy enforcement, compliance checks, and security protocols** that ensures that all configurations **adhere to your industry standards and your organizational requirements**.

Delivery phases and options

Beyond just implementation, we provide a solution that ensures your platform evolves with your business needs

Discovery and assessment

During this initial engagement phase, we will arrange workshops with you and send out pre-prepared questionnaires to enable discovery and assessment of the current landscape and to understand and document the full requirements and scope.

It is important to ensure that the requirements/scope are agreed and approved by all involved as subsequent changes may require redesign effort and impact timelines.

Architecture Design

We will work with your stakeholders (Technical and non-technical) to translate the documented requirements into design collateral (High-Level and/or Low-Level Designs) which will undergo the standard review and your approval and signoff to facilitate the build and implementation phase.

All designs are aimed to align your strategy, security policies and standards, structure and requirements of the new platform

Engineering Build & Testing

Our engineering team will implement the requirements and design details into specific Cloud resources and configurations using customised Infrastructure as Code and CI/CD pipelines.

The Build phase incorporates the integration of source code checks for security standards and compliance.

Working with your teams, continual testing is undertaken to identify and correct any issues and enable build completion and sign-off.

Strategic Roadmap

Most of our customers have strategic roadmaps for legacy IT infrastructure. To enhance the Cloud journey, our NTT Cloud Architects can support and embed with Customer Architecture teams to enhance and develop the Cloud strategy and roadmap using our vast experience and knowledge.

This type of engagement can take a variety of forms and timeframes depending on the Customer requirements.

Enhanced Landing Zones

To further enhance the Landing Zones, we are continually developing additional components, services and features which can be added on as required in the future. Here are some of our most recent: -

- OpenAI & Containerisation
- Industry Specific standards, frameworks & blueprints
- Machine Learning
- Cloud Scale Analytics Data Landing Zone
- Trusted Research Environments (TRE)

Why customers choose us

Key Benefits Azure Jumpstart for our customers

Sample KPIs from real projects

Agility

19 x Time to market reduction

26% Increase in new features/improvements/releases because of self-provisioning and automation

Resiliency

39% Faster recovery time because of the elastic scalability, high availability, complete automation and the use of different regions and availability zones

48% Reduction of relevant outages because of the automation

99.99% Increasing resiliency from 85% to 99.99%

Innovation

10 x Increase performing proof of concepts because of the automatic provisioning of cloud services

Cost Reduction

10 x Reduction because of right sizing, commitment plans and the use of automate deployment of services.

10 x Reduction because new TOM with teams managing platform through terraform without manual activities

Productivity

25% Increase of developer's productivity because of the possibility to create ephemeral and dedicated test subscriptions

100% automation of build, provision and deploy processes comparing with previous manual process

Defence in Depth

26% Reduction of security breaches because of a completely automated security (without human interaction) with full fledge security solutions.

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Why NTT DATA: Success Cases

Extensive Azure experience across diverse industry sectors

Key Drivers

- Relocating data centres to the cloud and provide a hybrid solution reducing DC footprint while complying with regulations
- Merge and acquisition process
- Facilitate cloud application development and integration
- Align existing Azure to best practise and Cloud Adoption Framework (CAF)
- Improve governance and security guardrails on Cloud

Challenges

- Lack of visibility over own infrastructure and application landscape
- Costs out of control on cloud
- Manual deployment of subscriptions and resources impacting time to market
- Lack of Cloud expertise and no Cloud Roadmap
- Interoperability and Integration across applications

Outcomes

- CICD pipelines for root-to-live process
- Adoption of DevOps and automated provisioning and management (IaC)
- Standardised setup of cloud platform
- Fast onboarding of new projects
- Improved Cloud governability
- Implemented robust governance and management frameworks to ensure the environments are secure and well managed

“Our strategic alliance combines NTT’s global infrastructure and services expertise with the power of Azure. Together, we will build new solutions spanning AI, cybersecurity and hybrid cloud, as we work to help enterprise customers everywhere accelerate their digital transformation”

Satya Nadella
CEO, Microsoft

Benefits

- Improved reliability and performance of applications and infrastructure
- At least 50% cost savings compared to legacy Data Centre costs
- 100% automation of build, provision and deploy processes
- Deployment timescales improved by 90%

Microsoft and GitHub Capabilities

NTT DATA has direct endorsement from Microsoft by achieving all six Microsoft Partner Solution designations, which are rewarded to recognize the excellence, commitment, skills and experience in its technologies, declaring NTT DATA a committed partner in the evolution of its technologies to satisfy the interests of both Microsoft and its customers.

NTT DATA has complied with the requirements to demonstrate and validate its technical capabilities in the Microsoft Partner Network program and achieve the five New Microsoft Cloud Designations:

Modernisation of web applications to Microsoft Azure Advanced Specialisation

The Modernisation of Web Applications in Microsoft Azure Advanced Specialization allows partners to further enhance their capability by demonstrating their expertise and proven success in migrating and deploying production web application workloads, applying DevOps practices, and managing application services in Microsoft Azure.

Kubernetes on Microsoft Azure Advanced Specialization

The Kubernetes on Microsoft Azure Advanced Specialization allows partners to further enhance their capability by demonstrating their proven success in deploying and managing production workloads in the cloud using containers and managing hosted Kubernetes environments in Microsoft Azure.

DevOps with GitHub Advanced Specialization

Showcase your organisation's capability to provide customers with secure software development practices using DevOps principles and GitHub solutions. The DevOps with GitHub on Microsoft Azure specialisation validates that the partner has adopted robust processes to ensure customer success across all phases of deploying DevOps with GitHub on Microsoft Azure, from the assessment phase to design, pilot, implementation, and post-implementation phases.

Identity and Access Management Advanced Specialisation

The Identity and Access Management specialization provides a means for your organization to showcase proven, verifiable expertise in deploying Microsoft Identity workloads. This expertise will be verified through customer references and Microsoft exams, ensuring partners can deploy and manage these workloads.

NTT DATA has been selected as a **Referring Partner for the Application Modernisation Solutions Area** for the opening of a new Azure Region in EMEA


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