



# Azure Landing Zone Build

## Service Description

## Design + Build an Optimized Azure Landing Zone

When built by experts, an Azure Landing Zone establishes the ideal framework for deploying and integrating your workloads into the cloud. Azure Landing Zone architecture is scalable and modular, allowing it to meet diverse deployment needs. These include repeatable infrastructure building blocks that allow for the application of configurations and controls consistently across subscriptions. However, building Azure Landing Zones can be challenging and complex. From infrastructure design to security and compliance requirements, many factors need to be considered to achieve optimal performance and superior functionality.

Utilizing Microsoft's Cloud Adoption Framework (CAF) for Azure, Compugen's **Azure Landing Zone Build** service establishes a customer Landing Zone that accommodates the workloads they intend to construct or migrate to the cloud. The right Azure Landing Zones provide the critically important structure for effective cloud adoption. They provide a disciplined blueprint for handling large-scale workload portfolios, from multiple groups, while ensuring uniformity and governance.

This service includes the following components and processes:

- Designing and deploying Azure platform Landing Zone components including the appropriate tooling and Infrastructure as Code (IaC) processes
- Creating the right subscription Landing Zone vending process
- Bootstrapping the environment by creating subscriptions and growth patterns to match customer's requirement
- Deploying workload Landing Zone components for various cloud adoption scenarios

## Benefits

- Accelerated deployment of established structure, templates, and blueprints
- Assurance of an environment designed with a consistent set of standards and guidelines
- Ensures you start with the right Azure environment for your workloads and data requirements
- Provide a secure, scalable, and compliant architecture

As your **Azure Ally**, our goal is to ensure you optimize your Azure investment by showing you how to maintain tight financial and security governance.



# What We Do

## Design

Working closely with your IT, security and networking teams, Compugen's Azure experts develop the design and architecture to deploy your first Landing Zone including, when required, hybrid connectivity to your on-premises datacenter.

We conduct a set of design workshops covering the following:

- Core architecture and network topology
- Naming, tagging and governance
- Identity and access management
- Backup and Disaster Recovery Strategy

Following completion of the Design workshops, we formulate an Azure Landing Zone design document for review and sign-off by the customer.

## Build

Next, we deploy the Landing Zone and all the required components.

- Deploy core Azure Landing Zone resources
- Deploy hybrid connectivity to on-premises environments (up to two locations)
- Deploy hub & spoke network topology
- Deploy network firewall appliance in hub for ingress/egress
- Deploy user defined routes (UDR) and network security groups (NSG)
- Deploy base Azure policies and guardrails
- Implement role-based access controls (RBAC)

## Configure

Configuration of any firewall for custom rules, IPS and IDS

- Configure up to 2 domain controllers in the LZ
- Configure custom Azure Policies for resource tagging and naming conventions
- Configure security rules and compliance guardrails
- Configure Azure Bastion for secure connectivity

# What You Get

The outcome of this service includes:

1. Azure Landing Zone design document outlining the different components of the architecture
2. Enterprise-scale Landing Zone deployed in-line with the approved design
3. Network connectivity to on-prem (if applicable) and secure network in Azure
4. Foundational Active Directory build and/or extension of Active Directory into Azure
5. Establishment of security & governance guardrails as identified in the design workshops

## Why Compugen

As Canada's largest privately-owned and operated Technology Ally, Compugen helps organizations realize new possibilities. To innovate industries, transform businesses, connect communities, and drive meaningful change, we must think bigger, reach broader, and act bolder. Through knowledge, curiosity, and collaboration, Compugen helps organizations deliver experience by design. This is what it means to be human-centered and technology-enabled. Get an ally in your technology journey.

## Azure Pathfinder

Compugen's Azure Landing Zone Build is part of our Azure Pathfinder offering, designed to support you along your cloud journey. Pathfinder services range from detailed analysis and assessments of your cloud situation, cloud and hybrid adoption strategies, planning and design, Landing Zone builds, data readiness, workload migration, and much more.

### Other Azure Pathfinder services you might be interested in

<b>Cloud Readiness Assessment</b>	Assess your cloud readiness and adoption strategies across various tenets of Microsoft's Cloud Adoption Framework.
<b>Cloud Readiness Adoption</b>	A two-phased approach to cloud readiness assessment and Azure landing zone deployment which serves as the foundation for cloud adoption.
<b>Azure Workload Assess and Migrate</b>	A two-phased approach to cloud migration by assessing workloads to evaluate cost, modernization, and deployment techniques followed by migration methodologies.
<b>Azure Health &amp; Risk Assessment</b>	A multi-faceted comprehensive service which reviews your Azure environment and provides you the knowledge & insights, acts as a guiding principle for continuous optimization in areas of financial governance, infrastructure health, and security.
<b>Azure Managed Services</b>	The complete coverage service that fully enable your Azure environment usage, from expert coaching and support through all the necessary virtual infrastructure operations activities.