## **Overview**

# Azure Landing Zone Accelerator

Hitachi Digital Services offers a comprehensive framework and set of templates designed to setup a secure and optimal foundation of your cloud environment that is customized to meet your requirements to build, deploy and run your IT workloads.

The accelerator is designed with Microsoft best practices and provides a full automation using Infrastructure-as-Code (IaC) scripts.

The accelerator is built on following Core Principles

#### Scalability

Easily scale to meet your evolving cloud requirements

#### Security

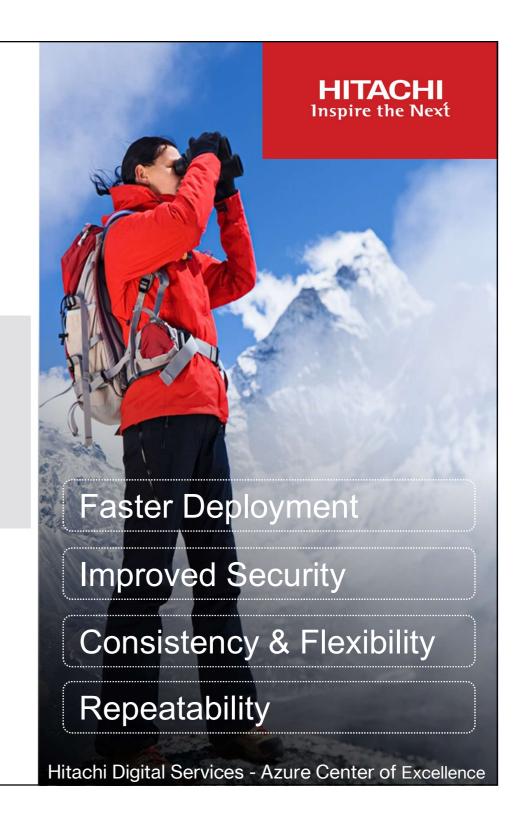
Enforces cloud security best practices

#### Governance

Promotes governance policies & standards

## Cost Optimization

Efficient & optimal cloud environment with optimized cost



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### **Five Deployment Models**

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#### Foundation

Foundation model (VNET based) is for those who are starting their cloud journey and keep the initial cost under check, but still want to align with Microsoft Cloud Adoption Framework as much as possible.

Suitable for starting cloud journey

Basic

Basic model is expansion of foundation model with enhanced security posture using Azure Firewall and central control over application traffic.

Suitable for starting cloud journey

Standard

Standard model is
extension of basic and
well aligned with
Microsoft Cloud Adoption
Framework. Provides a
way to upgrade to
Enterprise Model without
re-architecting/ redesigning and
redeployment.

Suitable for most organizations

**Enterprise** 

Enterprise model is most advance model, suitable for organizations looking for water-tight security and private communications. This model follows best practices for deployment of Azure Platform Landing Zone.

Suitable for enterprise grade solutions

Global Enterprise

Global Enterprise model is based on VWAN. It creates multiple virtual hubs in different Azure Regions in full mesh network topology. It can have Azure Firewall, 3rd party security partner, VPN Gateway, and ExpressRoute connectivity.

Suitable for global enterprises

- ✓ Modular IaC Approach
- ✓ Customizable solutions (Names, Tags, IP Schema)
- ✓ Predictable cost of solution

- ✓ Pre-defined standards
- Repeatable & reusable IaC Code for redeployment
- ✓ Governance & Compliance using policies

## **Azure Services Within Offers**



Foundation	Basic	Standard	Enterprise	Global Enterprise
Azure DevOps CI/ CD YAML pipelines	Foundation +	Basic +	Standard +	Azure Firewall Instance for each Vhub
Azure DevOps Organization Setup	Application Gateway v1	Automation Account	Application Gateway v2	Azure Firewall Policies
Azure Key Vault	Azure Firewall Instance (Standard)	Bastion Host	Azure CDN Profile	Azure Secured Virtual Hubs (4)
Log Analytics Workspace	Azure Firewall Policy (Standard)	DevOps Self Hosted Agent VM	Azure Firewall Instance (Premium)	Azure Virtual Hub Route Server (Optional)
Microsoft Sentinel	DDoS Protection Plan	Domain Controller VMs	Azure Firewall Policy (Premium)	Azure Virtual Network Peering(s)
Network Security Group		Recovery Service Vault	Azure Front Door	Azure Virtual WAN
Routing Tables		WAF Policy	Azure Policies	Express Route Azure Private Peering
Storage Account			ExpressRoute Circuit and Peering	Express Route Circuit
Virtual Network Peering			Private DNS Zones	Express Route Microsoft Peering
Virtual Networks and Subnets			Private Endpoints	ExpressRoute Gateway for each Vhub
Vnet Gateway				Integration with 3rd Party Internet Security Provider
				Virtual Networks and Subnets
				Vnet Connections for each Vhub
				VPN Gateway for each Vhub
				VPN Tunnels

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