START YOUR CLOUD MIGRATION ON THE RIGHT NOTE!

Most organizations struggle to scale their migration to the cloud due to critical and foundational services not being applied in a consistent and standard manner across their workloads. Cloud implementation projects which lack the robust foundation often have integration issues, security constraints, longer migration cycles, higher costs, and diminishing returns. Planning for and implementing a Landing Zone ensures all critical services are present and properly configured before workloads are deployed (land) in the cloud.

A Landing Zone helps to establish a baseline environment comprising ofa multi-account architecture, identity and access management, governance, data security, network design, logging, and other critical and foundational services - all planned based on best practices, organizational policies, and industry regulatory compliance requirements. Customers that have implemented a landing zone have been able to scale their environments with confidence, dramatically reduce deployment times, and reduce operational costs.

What is a landing zone?

- An enterprise-grade cloud operations technology and series of methodologies used by organizations to securely adopt, implement and operate their cloud environments at scale

- Aims to address all your business consideration by having a baseline cloud infrastructure to get started with a subscription/account architecture comprise of centralized logging, comprehensive security, and governance

- A custom-designed environment with standard sets of elements, i.e., a secured cloud infrastructure, best practices, protocols, and centrally managed services. Landing zone initiates the cloud migration journey for a factory model application.

- It ensures that all critical services are present and appropriately configured before enterprises begin to deploy workloads.

Key Tenets of landing zone

Series of methodologies used by organizations to securely adopt, implement and operate their cloud environments at scale.

A baseline cloud infrastructure to get started with a subscription/account architecture comprising of centralized logging, comprehensive security and governance.

A configured environment with a standard set of secured cloud infrastructure, policies, best practices, guidelines, and centrally managed services.

Ensures that all critical services are present and properly configured before workload migrations.

What are the benefits?

- Enhanced scalability, security, and governance

- Reduced manual efforts, enhanced quality, and faster service delivery

- Reduced operational cloud cost

- Enable the automated deployment option times for future deployments/ environments

- Higher agility through well-defined operating model

- Improve Resilience, security, and performance

- Greater operational rigor through a shared service model

- Reduced operational cloud cost

Factors to be considered by enterprise before setting up a landing zone:

- Business need
- Subscription/Account Management
- Security
- Identity & Access
- Networking

- Cloud Users
- Automation
- Storage
- Business Resiliency
- Cost Optimization

Key considerations for a Landing Zone

- **Subscription and Accounts**
  - Shared & Core services Accounts
  - Environment isolation
  - Billing visibility
  - Subscription Account model
  - Governance at Scale
  - Naming conventions
  - Subscription Deployment method
  - Security Accounts

- **Network Configuration**
  - VPC/VNET design
  - CIDR IP Range identification
  - Subnet design
  - Network security design
  - Access Control Lists and Security Groups
  - Logging and Monitoring
  - VPN Network Connectivity
  - Network Peering
  - DNS Planning

- **Automation**
  - DevOps
  - Subscription Automation

- **Security**
  - Threat detection
  - Metrics and Alarms
  - Audit Logs
  - Hardened OS images
  - Security compliance & Governance

- **Identity & Access Management**
  - Identity provisioning/de-provisioning
  - Authentication & federation
  - Authorization & user profile management
  - Support for compliance
  - Centralized Directory Services
  - Role-Based Access Control
  - Privileged User and Access Management

- **Storage**
  - Base storage account & provisioning
  - Storage account management and monitoring
  - Data protection mechanisms in storage

- **Business Resiliency**
  - High availability
  - Backup and Disaster Recovery

Why YASH?

As a leading cloud services provider, YASH Technologies is leveraging customer-centric innovative services suite to drive digital disruption. For the customers who are embarking on their cloud migration journey, YASH vision is to drive comprehensive business transformation via data availability, performance optimization, data security, continuous collaboration, and cost reduction.

At YASH, we advise-architect-deploy-support cloud in-line with business objectives of the enterprises. Our subject matter experts leverage a customized, risk-mitigated strategy that ensures a seamless, rapid, and secure journey from in-house technology stack to a cloud infrastructure.

Advisory	Cloud Security Services	Migration	Application Development	Re-Platforming	Cloud Managed Services	Dev-Ops
Vision, Assessment & Roadmap	Covers all aspects of Cloud Security	Optimize and migrate data, application, infrastructure and business process to Cloud	With our proven, repeatable methodologies Deliver effective, highly scalable, high performance cloud applications. Reduce your risk, implementation time and cost	Modernize your application with new architecture paradigm such as Server less Computing, Micro services Architecture and Platform as a Service	Cloud Managed services range from administration to support, from optimization to enhancement and monitoring of public, private or hybrid cloud environments	Helping you deliver applications at the pace of business

No matter where you are in your cloud migration journey - planning your cloud strategy or well into cloud adoption - it is never too late to consider a landing zone. If you haven't done so already, our Landing Zone advisory and implementation services will ensure you do it right. Do reach out to us to set up a meeting with our cloud consulting partners to know more about the cloud Landing Zone and how it can help you get the most out of your cloud investments.

For more information contact YASH today
at info@yash.com or visit www.yash.com

About YASH Technologies

YASH Technologies focuses on customer success. As a leading technology services and outsourcing partner for large and fast growing global customers, the company leverages technology and flexible business models to drive innovation and value throughout its customer's enterprise. YASH customer centric engagement and delivery framework integrates specialized domain and consulting capabilities with proprietary methodologies and solution offerings to provision application, infrastructure and end user focused Right-Sourcing services. YASH is a SEI CMMI (Level 5) and an ISO 9001:2015 certified company with U.S. and India headquarters and regional sales and development offices globally with customers spread across 6 continents.

YASH ®
Technologies

More than what you think.

Global Presence: AMERICAS | EUROPE | APAC | MEA

World HQ: 841 Avenue of the Cities East Moline IL-61244 USA
Tel: 309-755-0433 | **Fax:** 309-796-1242 | www.yash.com