Microsoft Azure

Microsoft Solutions Partner
Infrastructure Azure

Specialist
Linux and Open Source
Databases Migration

Microsoft Solutions Partner
Digital & App Innovation
Azure

Microsoft Solutions Partner
Data & AI
Azure

Accelerate Growth on Cloud

Azure Landing Zone Offering

blazeclan

About Blazeclan

Born in Cloud in 2011

750+ Resources 500+ Cloud Certified

End to End Cloud Competencies

Focus on Innovation

Vast Experience Across Domains

500+ Customers Engagements

Culturally Aligned- One Team

Revenue Growth at 50% CAGR

Differentiated Proprietary Frameworks

Market Recognition & Compliance Certification	Gartner Magic Quadrant — Gartner 'Notable Vendor' – 'Magic Quadrant for Public Cloud Infrastructure Managed Service Providers, Worldwide' · IDC Analyze the Future — IDC 'Major Player' – 'IDC MarketScape: APAC Managed Cloud Services Vendor Assessment Report' · ISO 27001 Certified — ISMS · ISO 22301 — BCMS · GDPR Compliant · PCI DSS Compliant · Great Place To Work Certified — Back to Back 3 years (2020, 2021,2022)

Key Partnerships	CLOUDFLARE · paloalto NETWORKS · HashiCorp · New Relic · vmware Partner Connect · TREND MICRO · snowflake · databricks

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- Microsoft Solution Partner - Infrastructure
- Microsoft Solution Partner - Data & AI
- Microsoft Solution Partner - Digital & App Innovation
- Infra & Database Migration Specialization

Microsoft Solutions Partner
Infrastructure
Azure

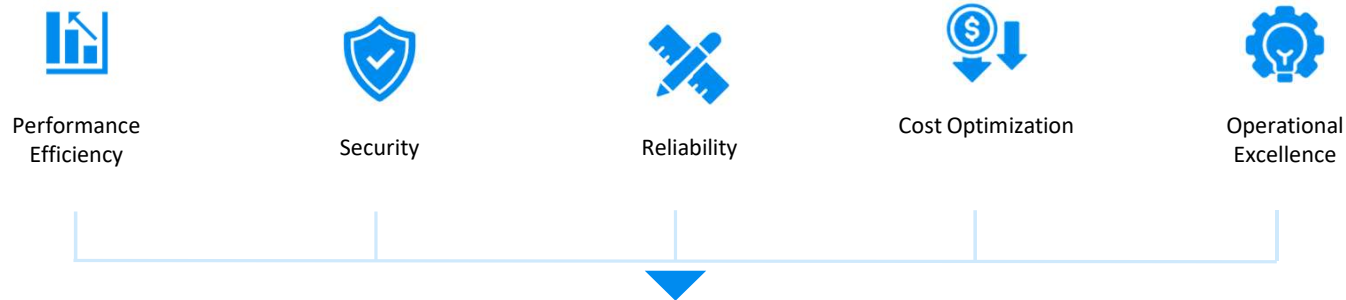**Specialist**
Infra and Database Migration

- Mentioned in Gartner's Market Guide for Public Cloud Managed & Professional Services, Asia/Pacific 2022
- CRN recognition in MSP500 list in the Pioneer 250 category for 2022
- Ranked 72 in Top 100 Vertical Market MSPs List 2022

Azure Arc - Overview

Azure landing zone is an environment that follows key design principles across 8 design areas. These design principles accommodate all application portfolios & enable application migration, modernization, & innovation at scale. An Azure landing zone architecture is scalable & modular to meet various deployment needs.

Azure Landing Zone helps to follow Azure Well Architected Framework to achieve:

Performance Efficiency	Security	Reliability	Cost Optimization	Operational Excellence

Azure LZ uses subscriptions to isolate & scale application resources & platform resources. Subscriptions for application resources & platform resources are called Application LZ & Platform LZ respectively. It helps you to take the first step towards Azure Cloud Adoption Framework & Well-Architected Framework.
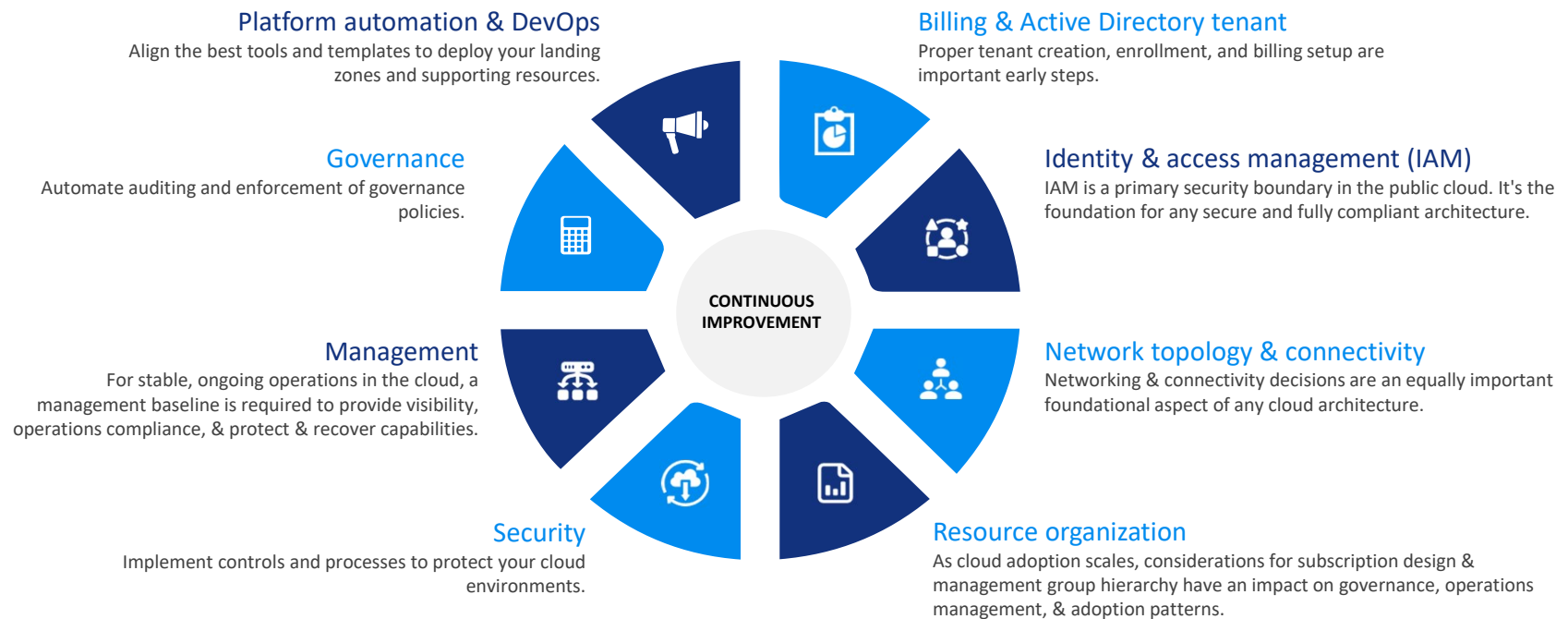
Azure Design Areas

- Billing & Active Directory tenant
- Identity & Access Management
- Resource Organization
- Network Topology & Connectivity
- Security
- Management
- Governance
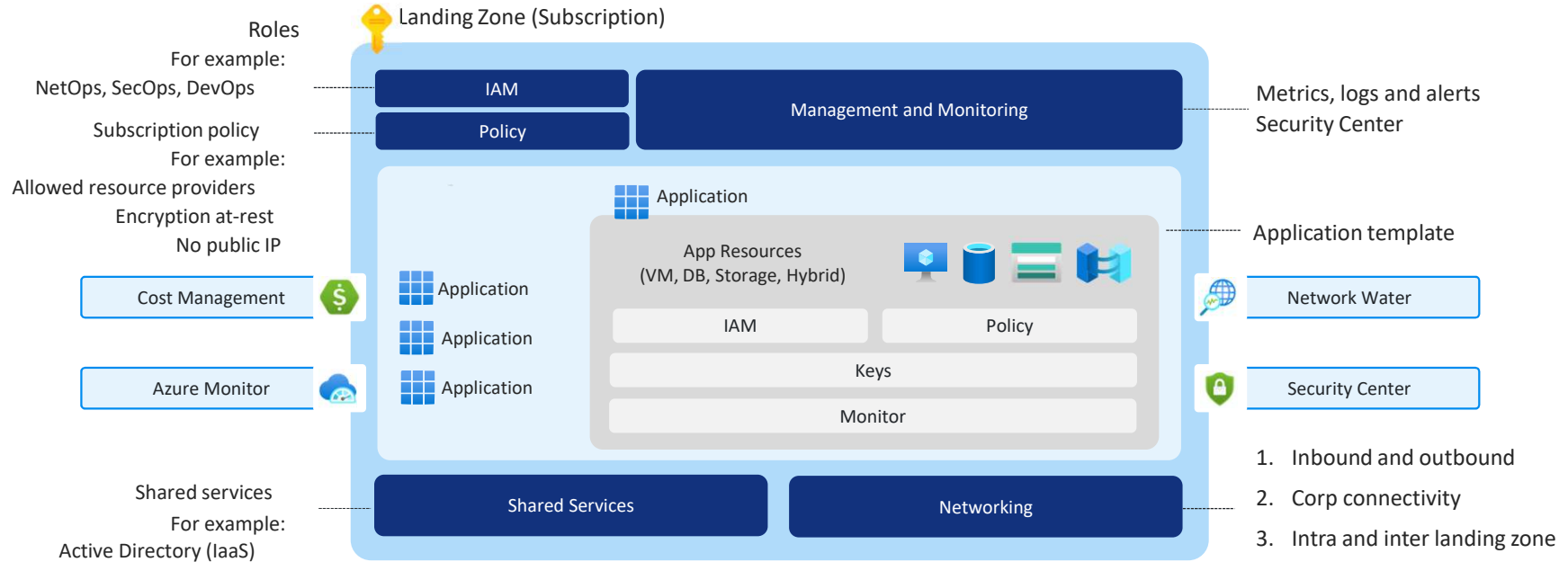- Platform automation & DevOps.

Azure Landing Zone Design Area Objectives

Evaluating each design area helps us understand & choose the right Azure Landing Zone implementation options. These design areas describe what to consider before deploying a landing zone.

Platform automation & DevOps
Align the best tools and templates to deploy your landing zones and supporting resources.

Billing & Active Directory tenant
Proper tenant creation, enrollment, and billing setup are important early steps.

Governance
Automate auditing and enforcement of governance policies.

Identity & access management (IAM)
IAM is a primary security boundary in the public cloud. It's the foundation for any secure and fully compliant architecture.

Management
For stable, ongoing operations in the cloud, a management baseline is required to provide visibility, operations compliance, & protect & recover capabilities.

Network topology & connectivity
Networking & connectivity decisions are an equally important foundational aspect of any cloud architecture.

CONTINUOUS IMPROVEMENT

Security
Implement controls and processes to protect your cloud environments.

Resource organization
As cloud adoption scales, considerations for subscription design & management group hierarchy have an impact on governance, operations management, & adoption patterns.
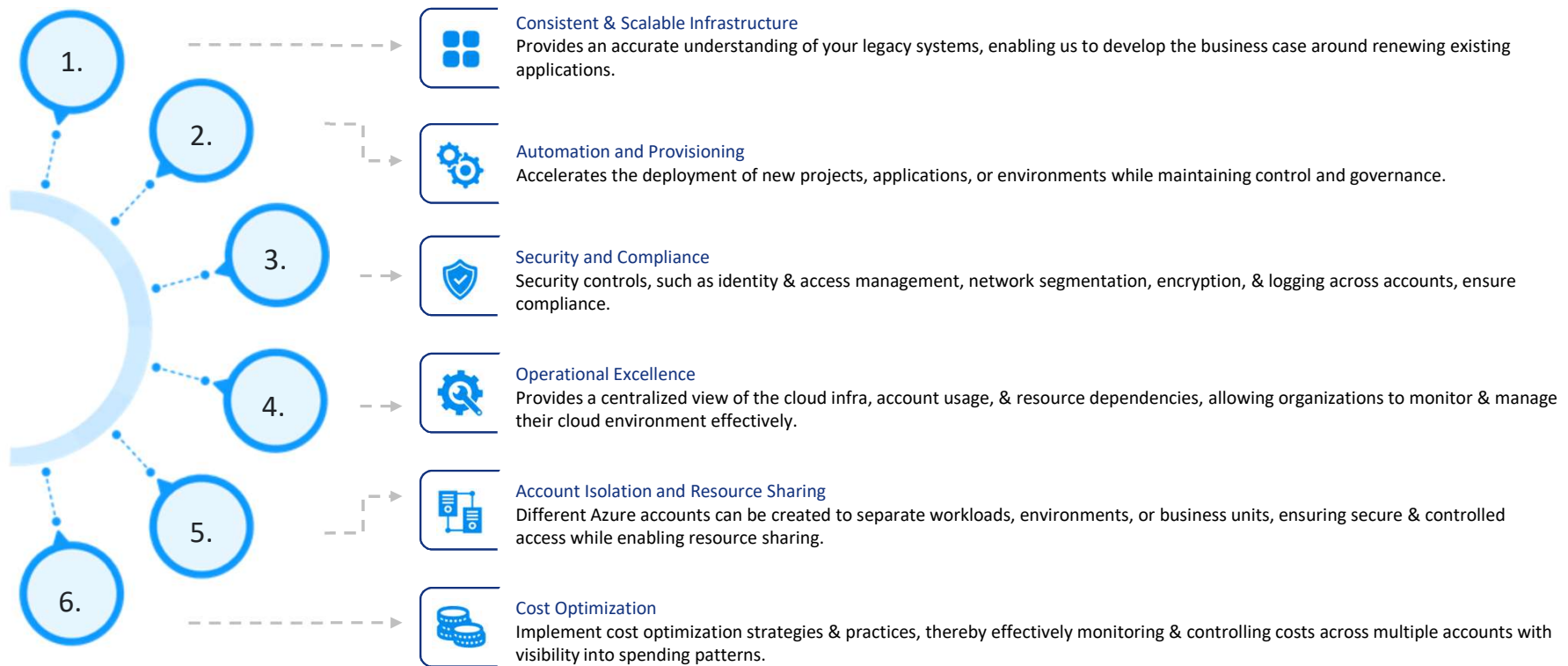
Azure Landing Zone – Reference Architecture

The illustration outlines the core technical constructs that must be designed & developed within the context of customer requirements to create compliant technical landing zone environments & the conditions for successful Azure adoption.

Roles
For example:
NetOps, SecOps, DevOps

Subscription policy
For example:
Allowed resource providers
Encryption at-rest
No public IP

Cost Management

Azure Monitor

Shared services
For example:
Active Directory (IaaS)

Landing Zone (Subscription)

IAM

Policy

Management and Monitoring

Application

Application

Application

Application

App Resources
(VM, DB, Storage, Hybrid)

IAM

Policy

Keys

Monitor

Shared Services

Networking

Metrics, logs and alerts
Security Center

Application template

Network Water

Security Center

1. Inbound and outbound
2. Corp connectivity
3. Intra and inter landing zone

Benefits – Azure Landing Zone Implementation

The Azure Landing Zone helps you achieve following benefits aligned with the overall
business goals and objectives of the organization at the end of this engagement through various ways:

1.

2.

3.

4.

5.

6.

Consistent & Scalable Infrastructure
Provides an accurate understanding of your legacy systems, enabling us to develop the business case around renewing existing applications.

Automation and Provisioning
Accelerates the deployment of new projects, applications, or environments while maintaining control and governance.

Security and Compliance
Security controls, such as identity & access management, network segmentation, encryption, & logging across accounts, ensure compliance.

Operational Excellence
Provides a centralized view of the cloud infra, account usage, & resource dependencies, allowing organizations to monitor & manage their cloud environment effectively.

Account Isolation and Resource Sharing
Different Azure accounts can be created to separate workloads, environments, or business units, ensuring secure & controlled access while enabling resource sharing.

Cost Optimization
Implement cost optimization strategies & practices, thereby effectively monitoring & controlling costs across multiple accounts with visibility into spending patterns.

Azure Arc Implementation Approach

Discovery, Planning Requirement Gathering

- Account info, strategy & dependencies
- Infrastructure segmentation
- User access & centralized access guidelines
- Network topology & connectivity
- Security & compliance requirement
- Application details

Landing Zone Design & Implementation

- Account Strategy – Organization, Security, Logging, Network, Shared Services, Workload design
- Identity & Access Management Design
- Network Design
- Resource Tagging Strategy
- Define guardrails for policy framework
- Landing zone implementation as per design

Landing Zone Validation

- Validate Landing Zone for selected verticals & use cases
- Validate network connectivity
- Validate Policy farmwork
- Tagging & cost visibility
- Validating Security & compliance
- Backup policy validation
- Readiness of Landing Zone

Handover and Project Sign off

- Operating Model
- Documentation
- Handover SOPs & LZ Documentation
- Transition to customer operations/ managed service team
- Project Sign off

Why Blazeclan LZ Approach is Different?

blazeclan **Microsoft Solutions Partner**

Do it Secured Way
- Key Compliance CIS, ISO 27001, PCI-DSS, NIST, HIPPA, MSA, GDPR
- cSecure, our IP Framework, help businesses with their security requirements for end-to-end LZ setup & beyond

Exclusive & Relevant Experience
- 50+ Projects delivered
- 10+ Enterprise Served
- Large Scale Experience in Domains such as BFSI, Media, Telecom...

Partnership with MS Azure
- MS Azure Solution Partner
  - Solution Partner Infrastructure
  - Solution Partner Digital & App Innovation
  - Solution Partner Data and AI
  - Specialization - Infra and Database Migration

Implemented & Praised Approach (IPA)
- Landing Zone with Azure Best Practices
- Infrastructure as Code
- Hardened Terraform & Azure Resource Manager scripts

Price & Cost Competency (PCC)
- Least cost incurred due to optimal resource allocation by Lean Approach
- Cost reduction with ready to use scripts and artefacts.

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THANK YOU

Blazeclan Technologies Pvt ltd

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THANK YOU

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