

SOLUTION BRIEF

Maturity and Effectiveness Assessment for **Cloud Landing Zones**



A well-designed cloud landing zone has far-reaching effects on the overall scalability, security, governance, networking, and identity framework of cloud infrastructure.

Our **Cloud Landing Zone Assessment** offering will help you evaluate if your current landing zone is aligned with your business aspirations and guide you to make informed decisions in your cloud journey.

The assessment will help you understand your current cloud infrastructure and identify areas for further improvement in your landing zone design. It will focus on key aspects of the modularity of the

landing zone infrastructure, the effectiveness of resource management groups, subscriptions and accounts. This approach enables organizations to facilitate both migration of existing applications and the development of new applications within the cloud environment.

Key outcomes of the assessment:

To gain visibility into

- ▶ alignment with Azure Landing Zone and Security best practices
- ▶ cloud foundation security gaps and strengthening mechanisms
- ▶ quick wins for governance, quality and cost optimization of the cloud program

Methodology

Our comprehensive Cloud Landing Zone Assessment services leverage automated and manual tools and techniques. The automated tools scan the cloud environment for configuration gaps and weakness with respect to cloud best practices, NIST guidelines and CIS benchmarks.

The tool assessment is further re-validated by our landing zone experts for any additional configuration gaps and design aspects.

The overall assessment will span across 2 weeks which includes 1 week of tool based assessment and 1 week for review and report submission.



Components of the Assessment



Data availability

Assessing data protection mechanisms, encryption, and data privacy controls within the cloud environment



Network security

Evaluating and implementing measures to protect the cloud network from unauthorized access, threats, and vulnerabilities



Cost governance

Analyzing cost reporting and governance strategies recommend best practices for effective cost allocation



Compliance management

Ensuring adherence to regulatory requirements and industry standards relevant to the organization's cloud environment



Identity and access management

Ensuring secure and controlled access to cloud resources for authorized users and applications

Application security

Reviewing and enhancing security measures for cloud-based applications, including secure coding practices and vulnerability management



Assessment Deliverables



Comprehensive report outlining the security and configuration gaps



Recommendations for remediation



Plan for implementing the recommendations



Cost governance structure

Cloud Landing Zone **Assessment workflow**

The Cloud Landing Zone Assessment employs a highly structured approach to identify areas for improvement and provide actionable insights to enhance the performance, security, and cost-effectiveness of your cloud infrastructure. Here is our workflow:

Engage <i>Day 1-2</i> Engage and define scope for assessment	Assessment <i>Day 3-6</i> Provide required access and conduct tool based and manual assessment	Review & presentation <i>Day 7-10</i> Analyze assessment report with various stake holder and define remediation plan
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cloudxchange.io's **Experience and Advantages**

Platform versatile and neutral Utilize our cloud-agnostic approach and powerful partner ecosystem for optimal results	Cloud security automation expertise Leverage our extensive expertise in implementing automated cloud security at scale	Strong implementation experience Benefit from our 100+ cloud security implementations and 400+ cloud projects executed
Comprehensive support Empower your enterprise with cutting-edge cloud practices and application modernization	Best practice-aligned Cloud Landing Zone Stay fully compliant through our architected cloud landing zone that adheres to industry sector regulation like CIS benchmarks and NIST guidelines	Unmatched security Leverage Cloud security expertise to establish a robust and fortified cloud security infrastructure

About **cloudxchange**

cloudxchange.io – An NSEIT Company, is an integrated managed services provider for multiple clouds like Amazon Web Services, Azure, Google, and Oracle Cloud. We deliver complete life cycle management services from cloud consulting,

multi-cloud aggregation, cloud back-up, cloud security, and disaster recovery to DevSecOps as a service. We leverage the best technology and provide tailored, custom-built solutions to ensure a smooth cloud transformation.