

Azure Cloud Migration

A thick, horizontal orange bar that underlines the first few letters of the title "Azure Cloud Migration".

How do we help our clients to be successful?

1



Cloud Refactoring and Modernization

- Refactor legacy applications to take full advantage of cloud-native features and improve scalability and resilience.
- Utilize container technologies such as Docker and Kubernetes to modernize application deployment and management.

2



Container Strategy, Assessment & Orchestration

- Create a strategy for container adoption and assess current workloads for containerization opportunities.
- Use Kubernetes and platforms like OpenShift or AKS for container management and implement robust security measures such as image scanning, runtime protection, and network segmentation

3



Hybrid Cloud Strategy

- Integrate on-premises and cloud environments with a hybrid strategy, prioritizing workloads for cloud-based control, and automating deployment with IaC tools like Terraform and Ansible.
- Utilize platforms like Azure Arc for management, deploy centralized monitoring for real-time visibility, and implement robust security measures including encryption and access controls.

4



Access to Certified Talent

- Leverage our extensive talent pool, where 30% of our workforce is certified with all three major hyperscalers (AWS, Azure, GCP).
- Ensure immediate access to professionals with verified skills in cloud technologies and automation.
- Implement structured onboarding processes to help our talent integrate smoothly into your teams.

Our Managed Cloud Operations Methodology

Infrastructure Assessment

- Conduct a thorough analysis of the current IT Infrastructure
- Identify performance bottlenecks, inefficiencies, and areas for improvement
- Review existing workloads, applications, and resource utilization
- Evaluate security measures and compliance requirements

Planning

- Develop a roadmap to implement cloud infrastructure best practices
- Define performance goals and key performance indicators (KPIs)
- Create a detailed project plan with timelines and milestones

Implementation

- Automation routine operations such as scaling, backups, and updates
- Implement infrastructure as code (IaC) for consistent and repeatable deployments
- Use auto-scaling to dynamically adjust resources based on demand

Cloud Operation Methodology



Performance Monitoring

- Implement real-time monitoring with alerts for critical issues
- Regularly review logs, analytics, and conduct performance tuning
- Apply updates and patches for security and performance
- Continuously refine configurations using performance data

Compliance Automation

- Conduct initial compliance assessment
- Develop customized managed service solutions
- Deploy solutions with minimal disruption
- Provide ongoing support and monitoring to adapt to changes

Feedback & Continuous improvement

- Regularly gather and utilize customer feedback
- Continuously improve service offerings and performance
- Schedule regular cloud environment reviews to align with business goals
- Stay updated with the latest cloud technologies and best practices

Agility and Innovation

- Adopt agile methodologies for rapid deployment and iteration
- Encourage CI/CD practices
- Foster a culture of innovation and quick adaptation
- Implement cost optimization strategies
- Use predictive analytics to forecast and manage cloud costs
- Conduct regular risk assessments and mitigation strategies

Our Cloud Operations Credentials



- We have 12+ years of experience working with Azure, from the start of the company.
- Genzeon has multiple levels of Azure Certified resources, right from Azure Fundamentals to Azure Expert level.
- 35% of the Engineering workforce is certified on Azure.
- We have successfully designed, implemented, and managed multiple projects on Azure, leveraging its full suite of services, including Azure DevOps, Azure SQL Database, and Azure Functions.
- Our team is well-versed in Azure's security, networking, and scalability features.
- We have over 350+ person years of experience on Azure platform.



- We are a Microsoft Solutions partner (Data and AI, Infrastructure, Digital and App Innovation)
- Beyond Azure and .NET, we have a strong proficiency in other Microsoft technologies, including Microsoft 365, SharePoint, and Power BI.
- This allows us to provide comprehensive solutions that integrate seamlessly within the Microsoft ecosystem.

Our Key Accelerators



Category	Accelerator	Description	Benefits
Compliance Accelerators	Pre-Built Compliance Frameworks	Reduces setup time, centralizes compliance status	Regulatory Compliance dashboard in Microsoft Defender
	Automated Compliance Monitoring	Continuous compliance, real-time detection	Azure Policy, Microsoft Compliance Manager
Automation Accelerators	Infrastructure as Code (IaC)	Speeds deployment, ensures consistency	Bicep, Terraform templates
	CI/CD Pipelines	Accelerates development and deployment	Jenkins, GitLab CI/CD, AWS CodePipeline
Security Accelerators	Automated Security Scanning	Early identification of security issues	SonarQube, Snyk, OWASP ZAP
	Cloud Security Posture Management	Enhances security, adherence to best practices	Prisma Cloud, AWS Security Hub
Cost Management Accelerators	Automated Resource Optimization	Reduces cloud spend	AWS Cost Explorer, Azure Cost Management
	Budgeting and Forecasting Tools	Better financial control and planning	AWS Budgets, Azure Advisor, Third Party Tool.
Integration Accelerators	API Management Platforms	Simplifies integration, enhances security	Apigee, Azure API Management
	Hybrid Cloud Management Tools	Consistent management across environments	VMware Cloud Foundation, IBM Cloud Pak

Our Well-Architected Framework

