NFRASTRUCTURE **GRATION** AZURE 10-WEEK **MPLEMENTATION**

ABOUT SOFTSERVE

12,000+

30+ YEARS

20,000+

ASSOCIATES Worldwide ACROSS MULTIPLE INDUSTRIES **PROJECTS** For Customers

EXTENSIVE DOMAIN EXPERTISE

We are a trusted adviser and provider enabling our clients to build transformative experiences, gain insight from the data, and accelerate business outcomes.

CTO CENTERS OF EXCELLENCE

CRITICAL SERVICES

Cloud, Application Migrations and Modernizations, DevOps, Governance, Security, Operations & Applications Support

INTELLIGENT ENTERPRISE

Big data, Data Science/Al/ML, IoT, Blockchain, Robotics, Extended Reality AR/VR/MR GDPR consulting, Technical Due Diligence

PRODUCT MANAGEMENT & BUSINESS ANALYSIS

Product Strategy & Design, Lean Product Management, Business Analysis & Process Design, Operational Efficiency

DIGITAL PLATFORMS

Marketing platform implementation & Optimization such as e.g., Sitecore, Magento, Salesforce, MuleSoft

EXPERIENCE DESIGN

Design thinking, Strategy, Iteration, Delivery, Service Design, Product Design, DesignOps

SOLUTIONS

IT Advisory, Software Architecture and Development, RPA, Performance Testing

INNOVATION

Innovation Strategy with our proprietary platform and our innovation team

RESEARCH & DEVELOPMENT EXPERIENCE DESIGN

Technology incubation, PoC Engineering, Emotional intelligence, R&D Innovation, Feasibility Study, R&D as a Service, Deep Tech Research, Advanced AI, Tech Commercialization

COMPLIANCE STANDARDS



OUR PARTNERS



SOFTSERVE CTO ORG CENTERS OF EXCELLENCE



RESEARCH & DEVELOPMENT

- R&D Innovation
- Feasibility Study
- R&D as a Service
- Deep Tech Research
- Advanced Al



EXPERIENCE DESIGN

- Design Thinking
- Design Research
- Design Strategy
- Product Design
- Service Design
- Design Ops



SOLUTIONS

- Digital Strategy
- Business Analysis
- Product Management
- Architecture
- Performance
- Testing
- GDPR

IoT

Blockchain

INTELLIGENT

ENTERPRISE

• Data Science.

AI/ML, MLOps

Reality (AR / VR

Big Data

Robotics

Extended

/ MR)

 Technical Due Diligence



PLATFORMS

- Salesforce
- Sitecore
- MS Dynamics
- AFM
- FPiServer
- MuleSoft
- Magento
- Dell Boomi
- Shopify
- Drupal



INNOVATION

- Innovation Strategy
- Innovation Platform
- Operations Support

Security &

Governance

 Application Support

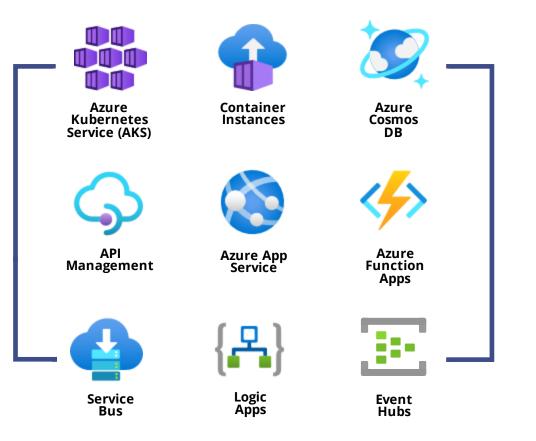
MIGRATION AND MODERNIZATION

Modernization is where you enhance existing applications to improve operations, increase efficiency, maximize developer velocity, and minimize cost.

With minimal effort, our proven migration approach, based on experience and industry standards, allows achieving modernization goals.

WE PROPOSE:

- Legacy applications re-architecture
- Application portfolio modernization
- Cloud-native applications development
- Modern application development transformation



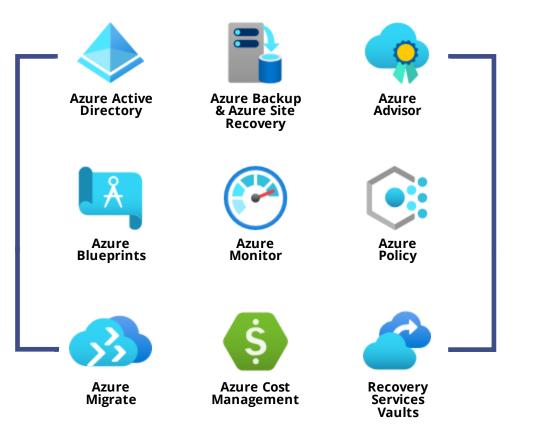
CLOUD ADOPTION & MIGRATIONS

Cloud Adoption provides numerous business, technical and organizational benefits.

Utilizing Azure according to best practices, well-known standards, and frameworks allows unblocking all cloud possibilities to build solid, reliable, cost-effective modern solutions.

WE PROPOSE:

- Briefing sessions
- Assessment and discovery
- Build Azure Cloud Strategy
- Migration Factory
- Cloud Optimization
- Consulting and advisory

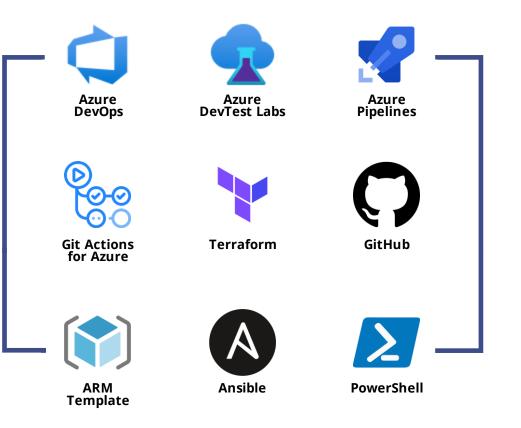


DEVOPS & AUTOMATION

DevOps & Automation is a progressive choice for the success path of modern business. Everything as Code approach opens new benefits like having highly repeatable tasks, scaling operations easily, reducing the risk of human error, tracing the steps, and much more.

WE PROPOSE:

- Design and implementation
- Migrations to Azure DevOps and GitHub
- Infrastructure as Code
- DevOps processes optimization
- Automation and tooling development
- DevSecOps adoption



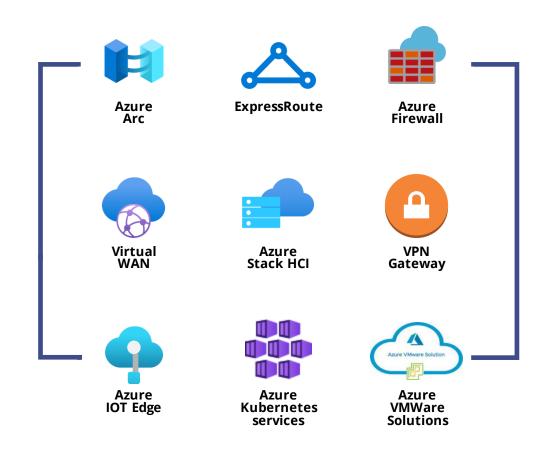
HYBRID, EDGE & MULTICLOUD

Cloud-managed edge computing devices bring the computing power of the public cloud to the private cloud. Working with this direction, you can leverage the power of new services:

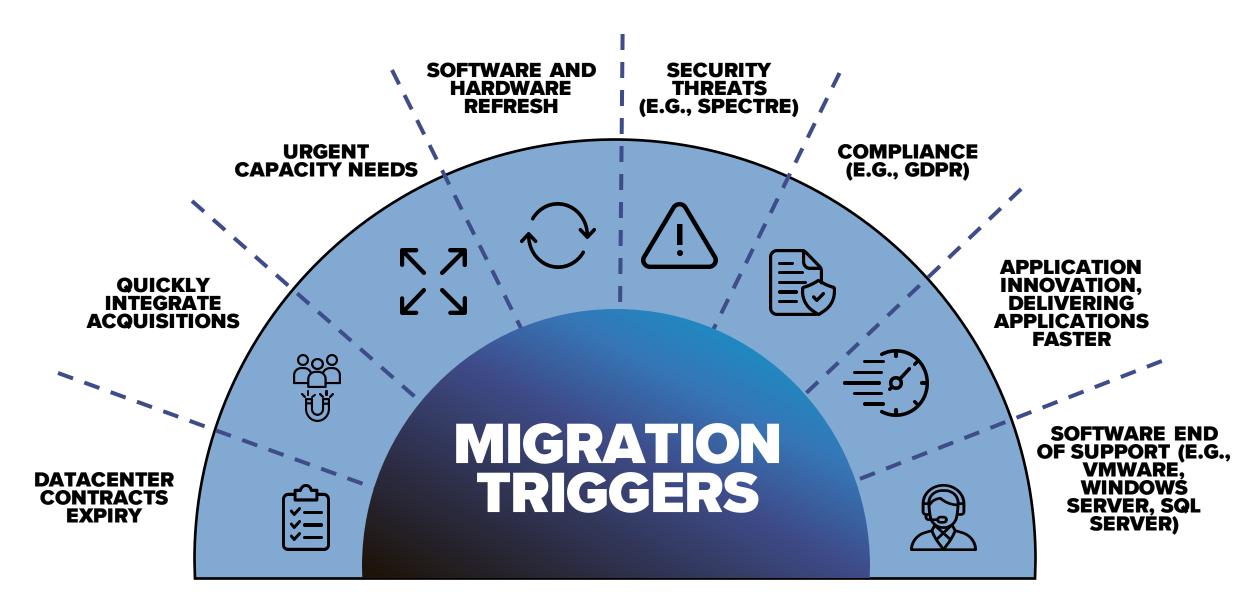
- Azure Arc
- Azure Stack HCI
- Azure VMWare Solution

WE PROPOSE:

- PoC and workshops
- Design and implement Hybrid solution
- Build Multi-cloud strategy
- Azure Hybrid services integration



THE ESSENCE OF INFRASTRUCTURE MIGRATION

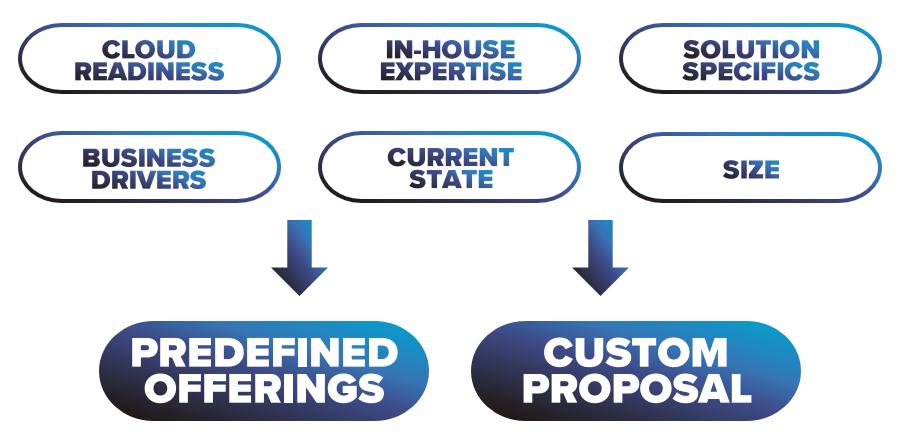


MIGRATION JOURNEY

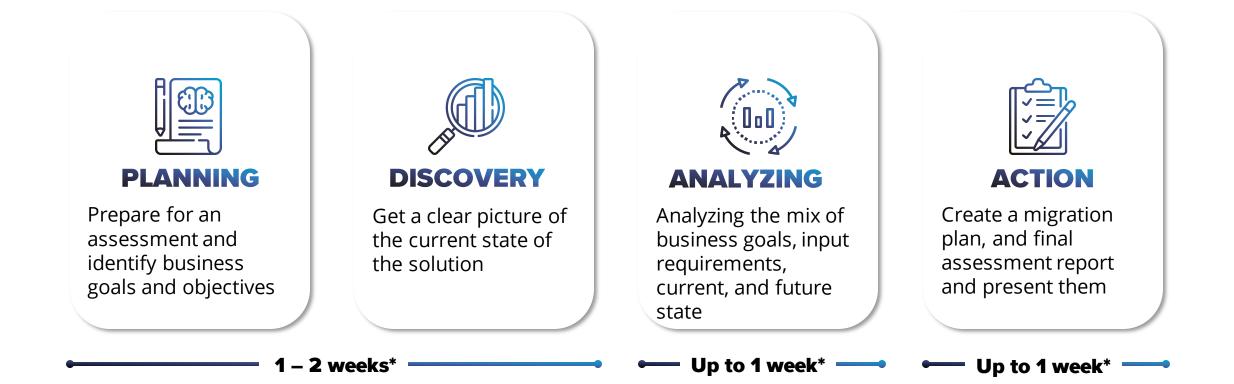


ASSESSMENT OPTIONS

INPUT REQUIREMENTS



ASSESSMENT PROCESS



* Estimates are valid for generic middle-size solutions and can be parallelized or shortened based on the client needs

ASSESSMENT TOOLS





Azure Migrate provides a simplified migration, modernization, and optimization service for Azure. All pre-migration steps such as discovery, assessments, and right-sizing of on-premises resources are included for infrastructure, data, and applications.



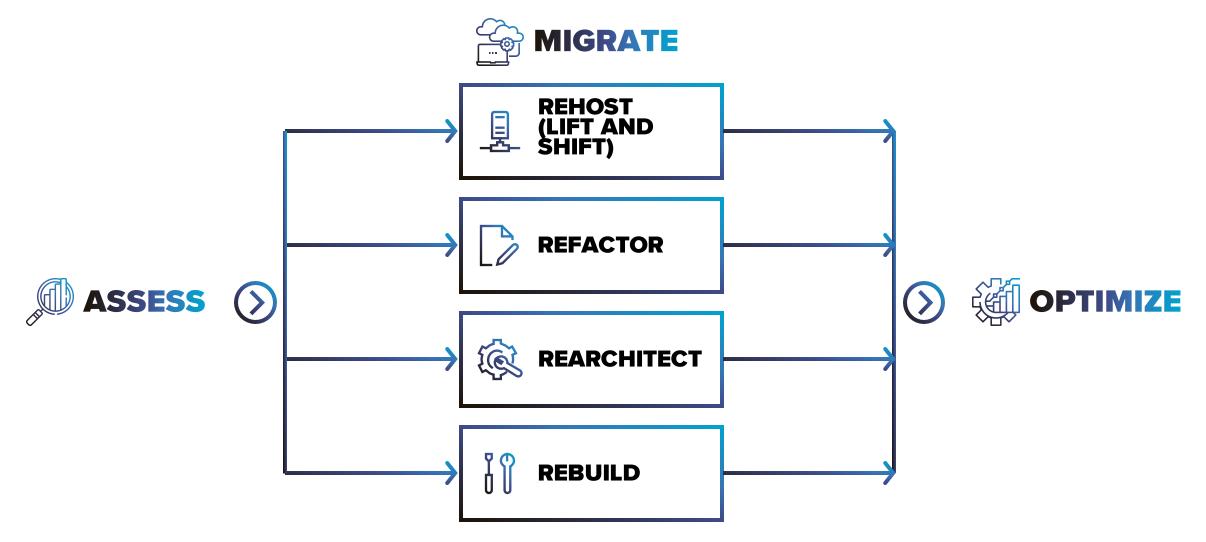
CAST highlight provides automated source code analysis of hundreds of applications in a week for cloud readiness, open-source risks, resiliency, and agility. Objective software insights are combined with qualitative surveys for business context.





Based on static code analysis, configuration data, and development team interaction, CloudPilot provides a deep and detailed analysis of applications and their readiness to migrate to a cloud environment. CloudPilot assists in the initial assessment of the cloud migration effort.

MIGRATION OPTIONS



MIGRATION STRATEGY: REHOST



WHAT IS IT?

Redeploy an existing application to a cloud platform without modifying its code. The application is migrated "as is", which provides baseline cloud benefits without the risk or costs of making code changes.

REFACTOR



WHEN TO USE?

- Need to quickly move applications from on-premises to the cloud (e.g., datacenter contract expiry)
- When the application is needed, but evolving its capabilities isn't a business priority
- For applications that are architected to leverage Azure laaS scalability
- Specific application or database requirements that can only be met by Azure VMs

EXAMPLE

Move a line of business application to Azure VMs

WHAT DO WE OFFER

- Lift and shift migration to Azure Cloud
- Move to Azure VMWare Solutions
- Migrate to Azure Stack HCI



INFRASTRUCTURE MIGRATION TO MICROSOFT AZURE

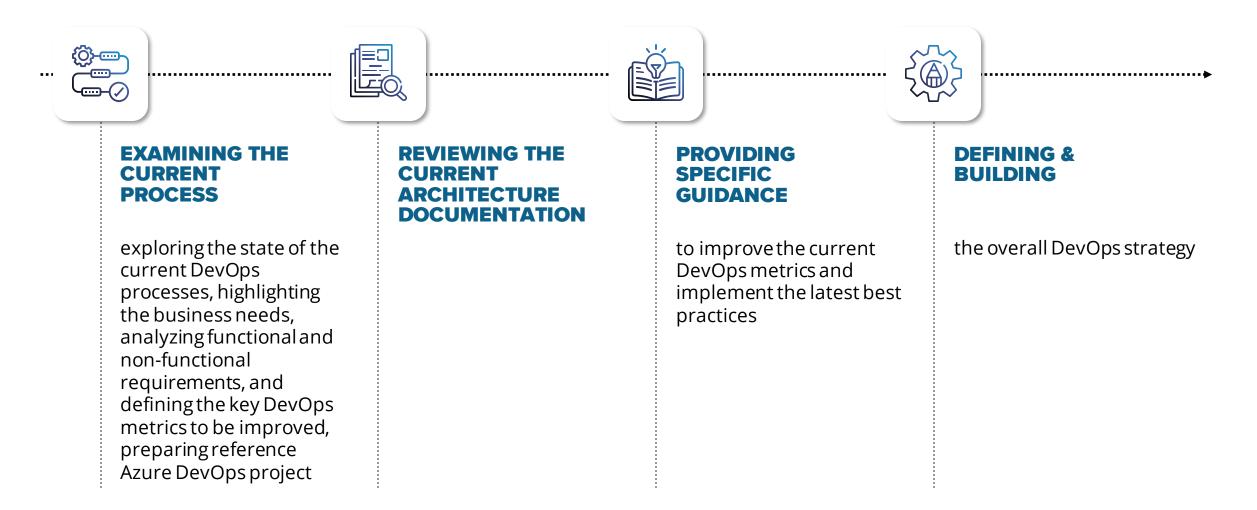
WHY AZURE MIGRATION

IMPROVED OPERATIONAL EFFICIENCY

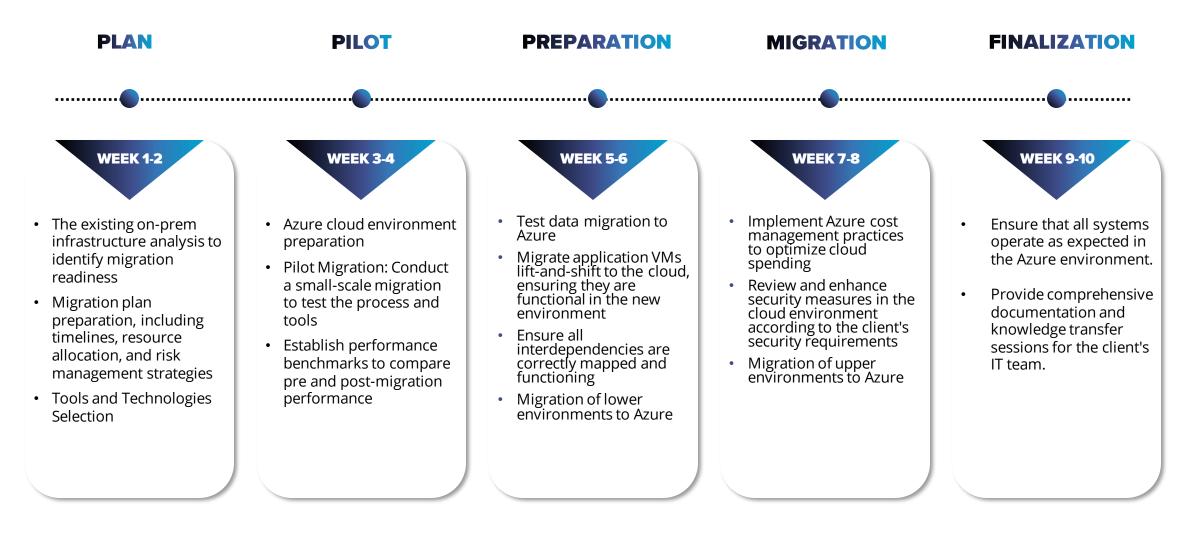
TRANSPARENT COST MANAGEMENT AND COST OPTIMIZATION ABILITY TO SCALE APPLICATION ON DEMAND

ABILITY TO DEPLOY APPLICATION WORD WIDE MICROSOFT-DRIVEN SECURITY AND COMPLIANCE VALIDATION DISASTER RECOVERY ANF FAULT TOLERANCE FOR BUSINESS CONTINUITY

INFRASTRUCTURE MIGRATION



EXECUTION APPROACH



MIGRATION OVERVIEW

PROJECT SPECIFICATIONS

- Remote execution
- Project timeline: **10** weeks
- Budget: **\$100 K**



- Certified Azure Solutions Architect
 from SoftServe
- DevOps Engineer from SoftServe
- Business and Technical stakeholders from the Client

DESCRIPTION

Migration to Azure: SoftServe's 10-week implementation is designed to seamlessly transition your on-prem infrastructure to a fully optimized Azure environment, ensuring operational continuity, cost efficiency, and enhanced security with ongoing support and training of the IT operations team.

At the end of the migration, you will have:

- The workload is successfully shifted from on-premises infrastructure to the Azure Cloud environment.
- Applications and data are fully operational in Azure with performance and security measures in place.
- An optimized Azure setup to maintain cost-effectiveness and high performance.
- A robust security posture within Azure aligned with best practices and compliance requirements.
- Comprehensive documentation detailing the new cloud architecture.
- IT team is capable of managing and operating within the Azure environment.
- Post-migration support to ensure a smooth transition and to address any immediate operational issues.

INFRASTRUCTURE MIGRATION DELIVERABLES

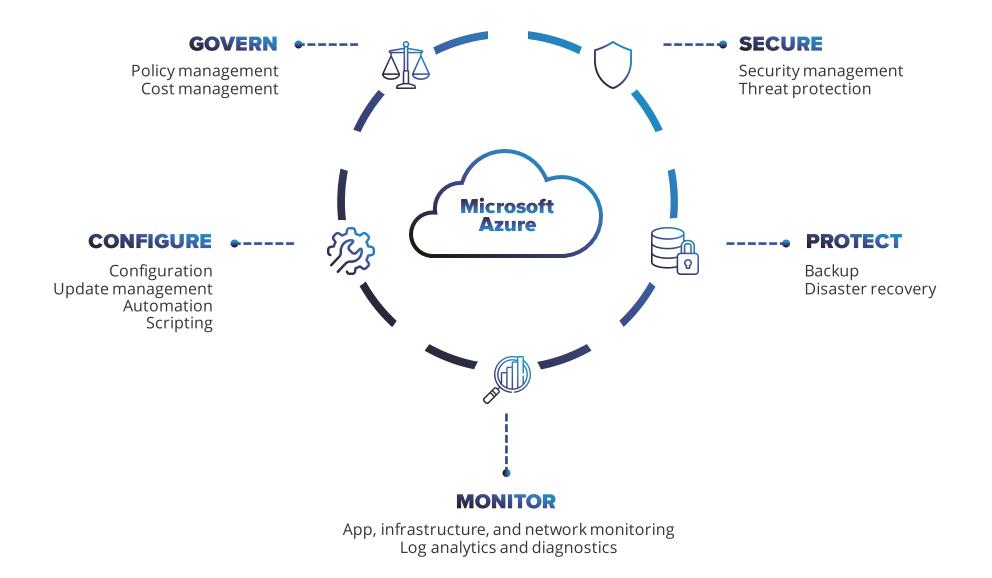
DELIVERABLES:

- Architecture Assessment report: An in-depth analysis of the current infrastructure and how it will be mapped and optimized in Azure.
- Architecture Solution Document: A finalized architectural blueprint detailing the implemented cloud solution, including infrastructure, services, and security protocols.
- **Detailed Migration Plan (WBS):** A document outlining the step-by-step process for migration.
- Operational Documentation and Training Materials (optional): User manuals, system administration guides, and training resources for the client's IT team to manage the new cloud infrastructure.
- Migrated infrastructure to Azure

	🕂 Create project 💍 Refresh	📯 Feedback				
Get started	Azure Migrate: Discove	ery and assessment				
Explore more	🔎 Discover 🚯 Build business	s case 🛛 📫 Dependency and	alysis 🗸 🔰	Assess 🗸 🔓 Overview 💡	🥬 Resolv	/e issues
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NEXT STEPS

SOLUTION OPTIMIZATION



OPTIMIZE



WHAT IS IT?

After a successful migration, the workload will be handed off to the managed services team. Here, a whole new set of services such as monitoring, patching, cost optimization, and support offer additional revenue and differentiation opportunities.

WHEN TO USE?

- Need to decrease cloud costs or increase the performance of the solution in the cloud
- Improve client satisfaction by enabling continuous monitoring and fixing bugs and problems in advance
- Meet industry best standards and Microsoft Azure Well-Architected or Cloud Adoption Framework

EXAMPLE

Implementing the Infrastructure as Code approach for deployment environments to decrease the time for provisioning new environments and minimize humanrelated errors.

WHAT DO WE OFFER?

- Cost optimization
- Performance testing
- Security assessment
- Continuous Monitoring enablement
- Governance assessment
- Chaos Engineering
- Everything as Code automation
- Disaster Recovery implementation

