

**AZURE CLOUD
GOVERNANCE
MVP
2-WEEK
IMPLEMENTATION**

THE FUTURE STARTS NOW

13K+

Associates

41

Offices

Europe, USA & APAC

12+

Countries

With SoftServe clients

78

**NPS score
(Global)**

10,500+

Engineers

1700+

Certified

Cloud Engineers

ISO

27001 : 2013

Standard

30%

CAGR

GLOBAL NETWORK

13,000+ EXPERTS IN
41 OFFICES GLOBALLY



**OUR PEOPLE
MAKE THE DIFFERENCE**

FEATURED CUSTOMERS



SAMSUNG

cloudera



logitech

BBVA



Nordea

kony DBX



ATLASSIAN



Panasonic



MEDHOST

softserve

SOFTSERVE + MICROSOFT OVERVIEW

MICROSOFT SOLUTIONS PARTNER


Partner since **2004**

MICROSOFT PRACTICE

- **2** Microsoft MVPs
- **500+** Satisfied Customers
- **1,000+** Delivered Projects
- **500+** Microsoft Certified Professionals
- **250+** Azure Certified Professionals

PROGRAM PARTICIPATION

- ECIF Eligible
- AMM Eligible
- Azure Innovate Eligible
- MRPP Partner
- CAF Ready Partner
- **20+** Marketplace Offerings




Microsoft
Solutions Partner

Infrastructure
Azure



Microsoft
Solutions Partner

Security



Microsoft
Solutions Partner

Digital & App Innovation
Azure

Specialist
Kubernetes on Azure



Microsoft
Solutions Partner

Data & AI
Azure

Specialist
Analytics

4x SOLUTION AREAS

- Data & AI
- Digital & App Innovation
- Infrastructure
- Security

2x SPECIALIZATIONS

- Kubernetes on Azure
- Analytics on Azure

SOFTSERVE CTO ORG

CENTERS OF EXCELLENCE



RESEARCH & DEVELOPMENT

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



EXPERIENCE DESIGN

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



SOLUTIONS

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



INTELLIGENT ENTERPRISE

- Big Data
- Data Science, AI/ML, MLOps
- IoT
- Robotics
- Extended Reality (AR / VR / MR)
- GDPR
- Blockchain
- Technical Due Diligence



PLATFORMS

- Salesforce
- Sitecore
- MS Dynamics
- AEM
- EPiServer
- MuleSoft
- Magento
- Dell Boomi
- Shopify
- Drupal



CRITICAL SERVICES

- Cloud & DevOps
- Security & Governance
- Operations Support
- Application Support



INNOVATION

- Innovation Strategy
- Innovation Platform

CLOUD EXPERTISE HIGHLIGHTS

900+

Cloud-Based
Solutions
Engagements

3000+

Cloud Experienced
Professionals

1000+

Engineers with
cloud-related
certification

100+

Hyper-Converged
Projects

150+

Data Cloud
Experts

**300+
BUSINESS
ANALYSTS**

- Consultants
- Business Analysts
- Usability Experts
- Project Management
- Project Managers

**3000+
TECHNOLOGISTS**

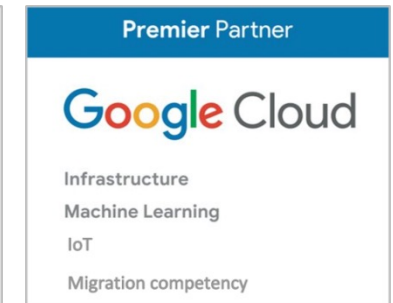
- Cloud Enterprise Architects
- Data Architects
- QA Engineers
- DevOps
- Technical Support

**150+
STRATEGISTS AND
DESIGNERS**

- Digital Strategists
- Subject Matter Expertise
- Program Managers
- Experience Design and Usability
- Visual Designers

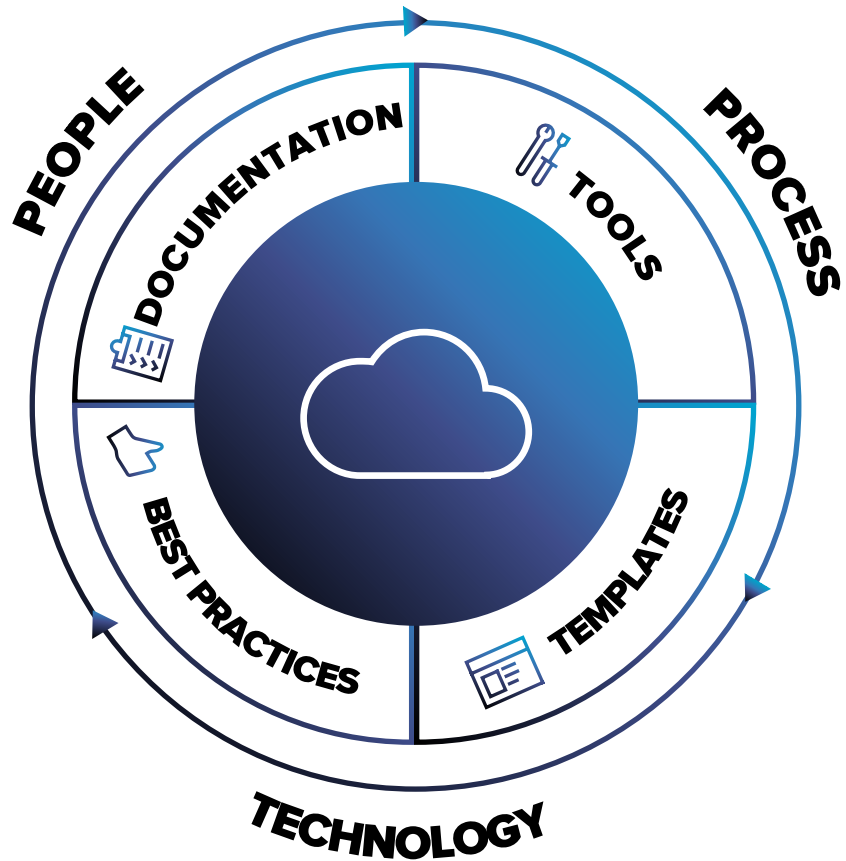
10 YEARS

**PROVEN DELIVERY OF
CLOUD-BASED SOLUTIONS**

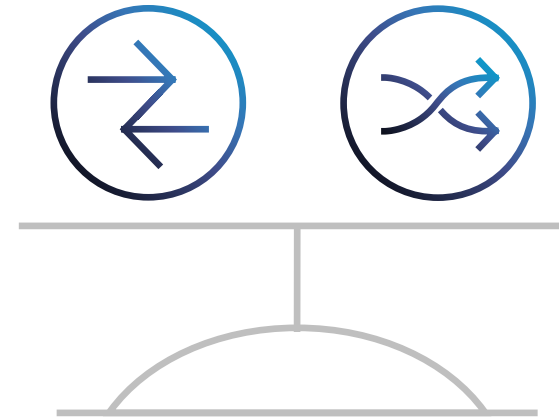


MICROSOFT CLOUD ADOPTION FRAMEWORK

MICROSOFT CLOUD ADOPTION FRAMEWORK FOR AZURE

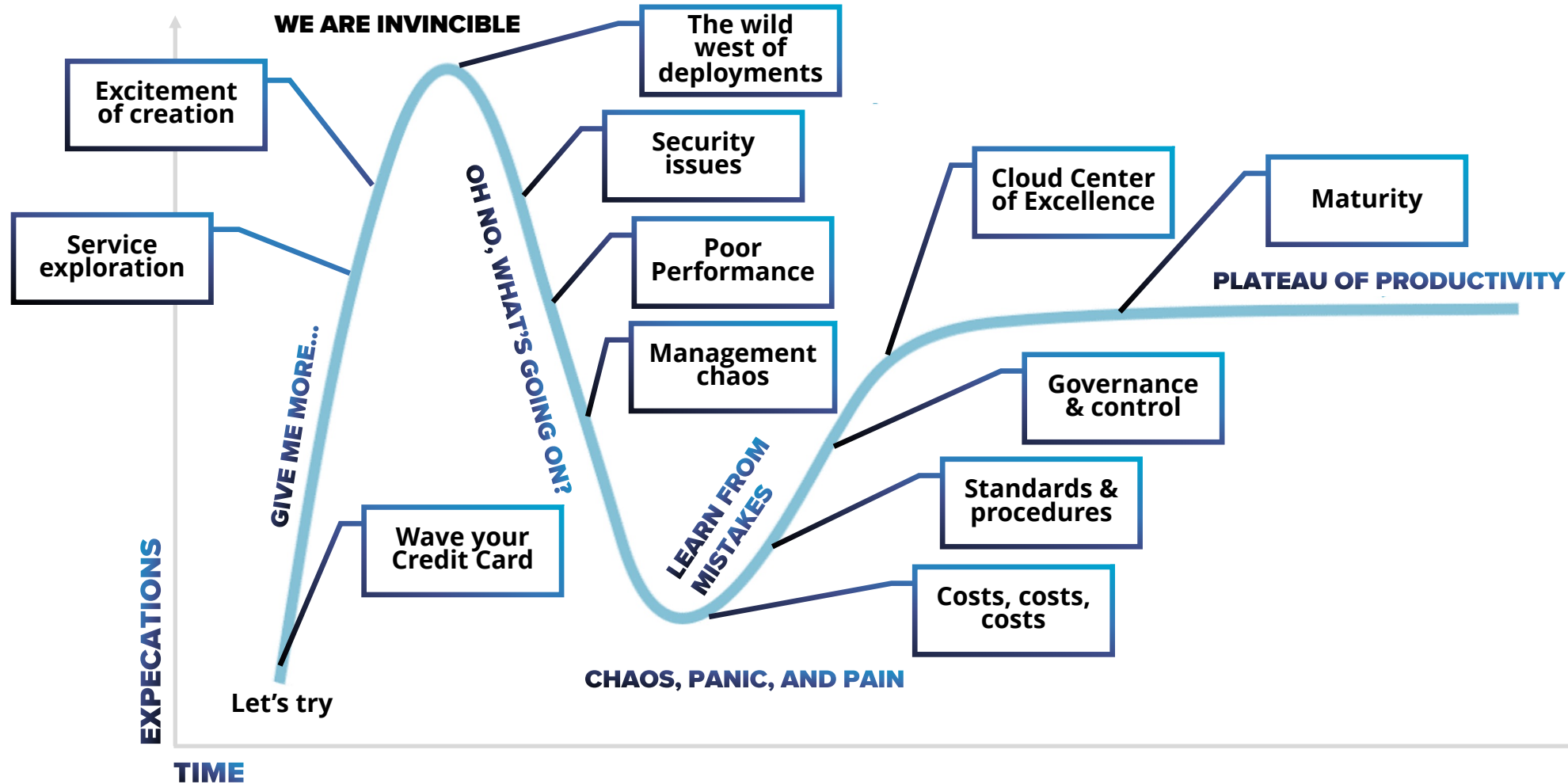


ACHIEVE BALANCE



Align **business, people, and technology strategies** to achieve business goals with **actionable, efficient, and comprehensive** guidance to deliver fast results with control and stability.

WHY DO WE NEED CLOUD ADOPTION FRAMEWORK?



MICROSOFT CLOUD ADOPTION FRAMEWORK FOR AZURE



STRATEGY

- Understand motivations
- Business outcomes
- Business justification
- Prioritize project



PLAN

- Digital estate
- Initial organization alignment
- Skills readiness plan
- Cloud adoption plan



READY

- Azure readiness guide
- First landing zone
- Expand the blueprint
- Best practice Validation



ADOPT

Migrate

- First workload migration
- Expanded scenarios
- Best practice validation
- Process improvements

Innovate

- Innovation guide
- Expanded scenarios
- Best practice validation
- Process improvements



GOVERN

- Methodology
- Benchmark initial best practice
- Governance maturity



MANAGE

- Business commitments operations baseline
- Ops maturity

GOVERN

Policy definition ensures consistency across adoption efforts. Alignment to governance/compliance requirements is key to maintaining a well-managed cross-cloud environment.



COST MANAGEMENT

- Evaluate and monitor cost
- Limit spendings
- Create cost accountability

SECURITY BASELINE

- Compliance with IT Security requirements
- Apply security baseline to across workloads

RESOURCE CONSISTENCY

- Structured cloud resource organization
- Consistency in resource configuration

IDENTITY BASELINE

- Control identity management
- Audit across baseline

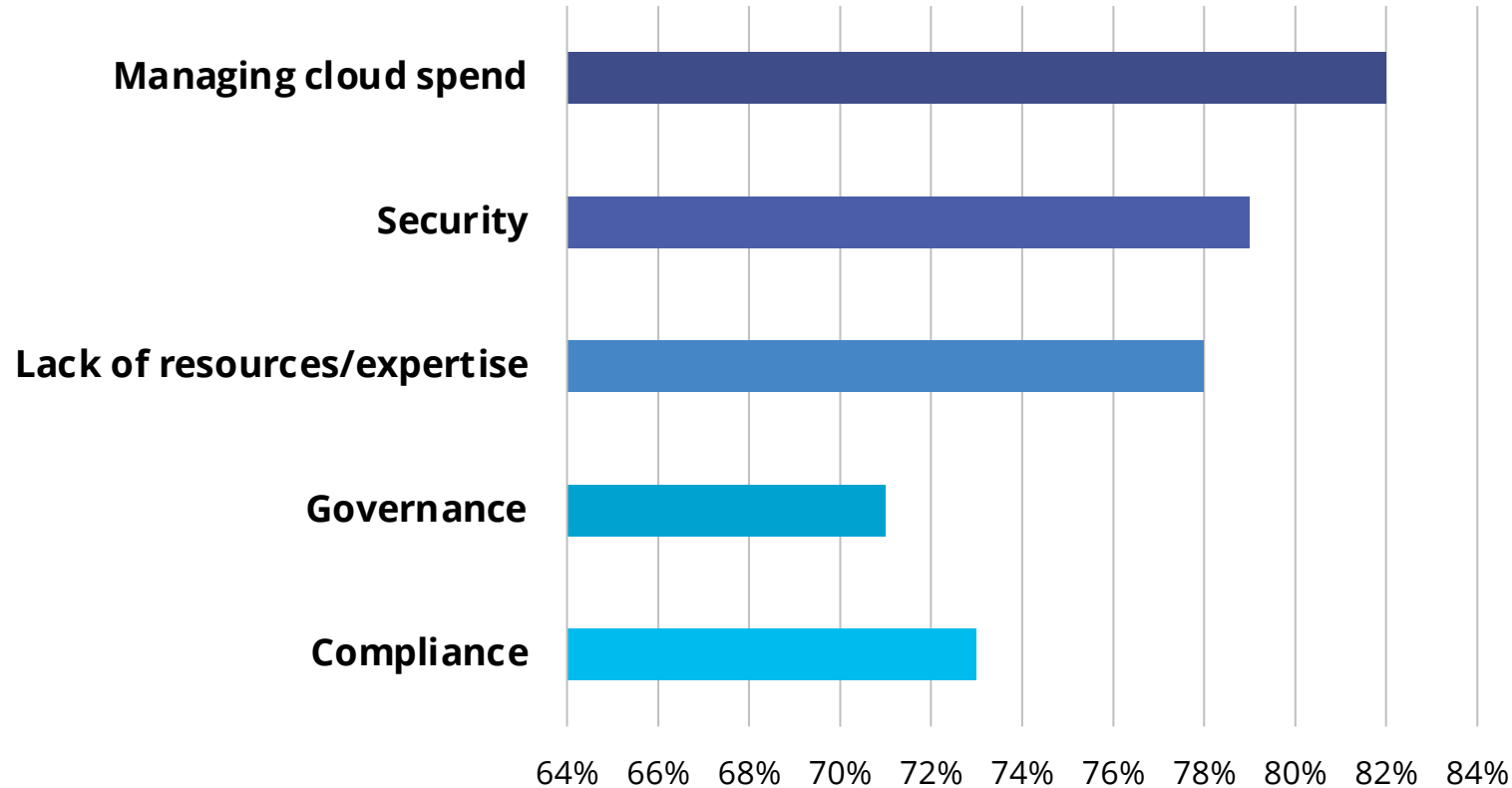
DEPLOYMENT ACCELERATION

- Drive consistency and standardization
- Automated delivery lifecycle

THE ESSENCE OF CLOUD GOVERNANCE

TOP CLOUD CHALLENGES

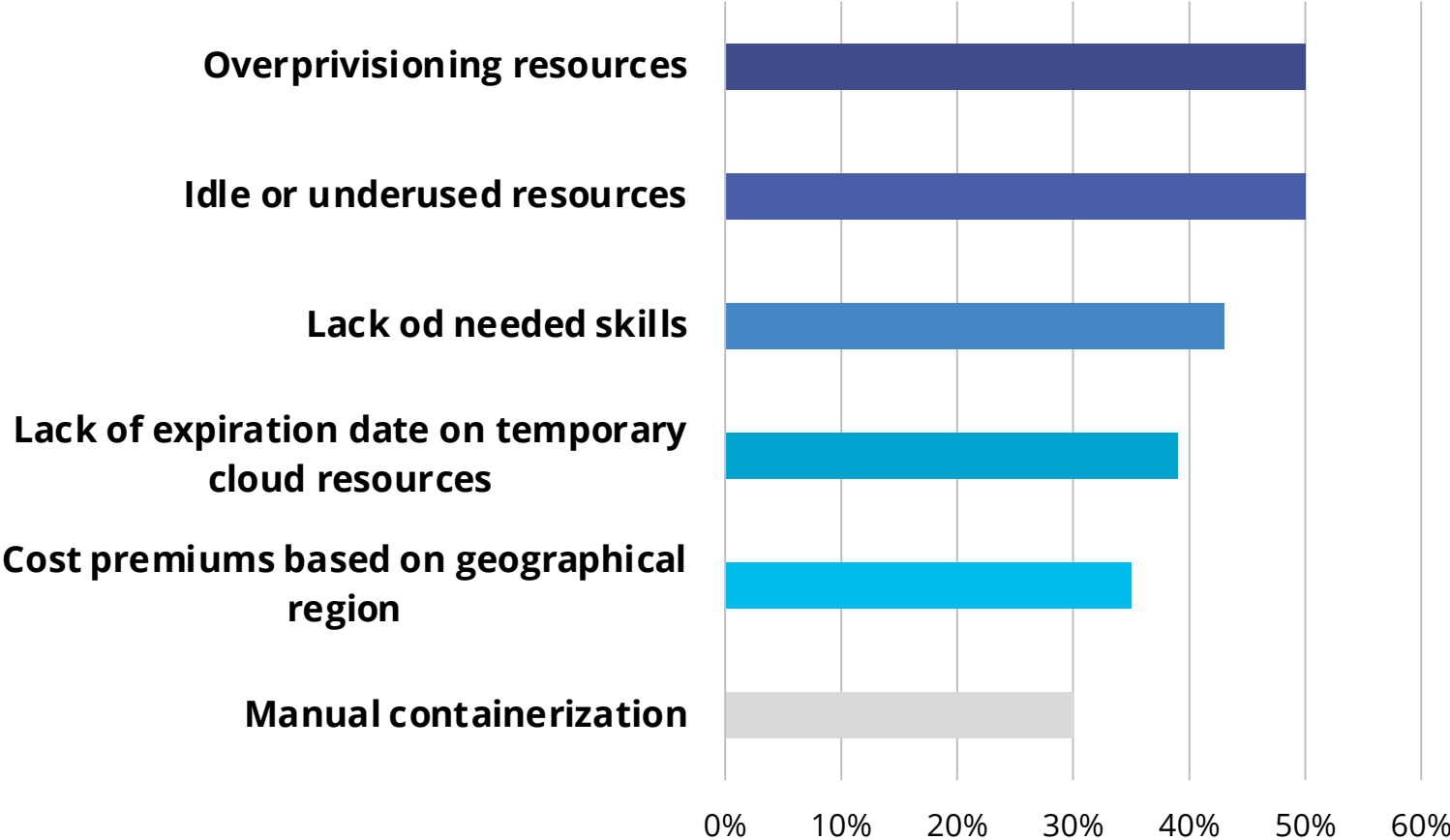
ALL ORGANIZATIONS



Addressing cloud challenges requires focusing on standardized **Governance** enhanced by **automation**.

* Source: Flexera 2023 State of the Cloud Report

ELIMINATING CLOUD WASTE



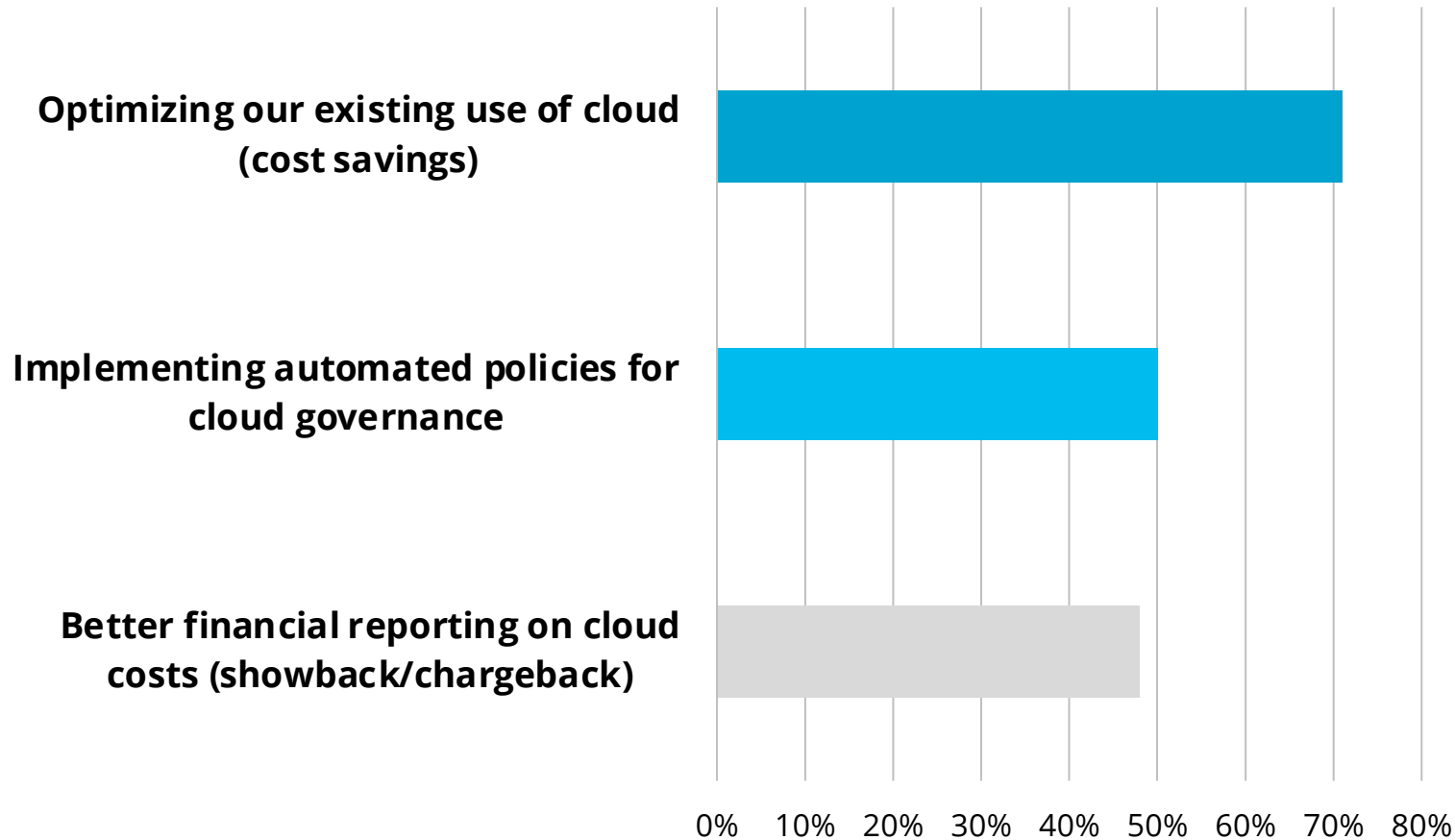
94% of all respondents had avoidable cloud spend.

The other **6%** either didn't have any avoidable cloud spend or didn't know.

“Which of the following factors contribute to avoidable **cloud spend** (aka cloud waste) at your organization?”

*Source: A commissioned study conducted by Forrester Consulting on behalf of HashiCorp, February 2023

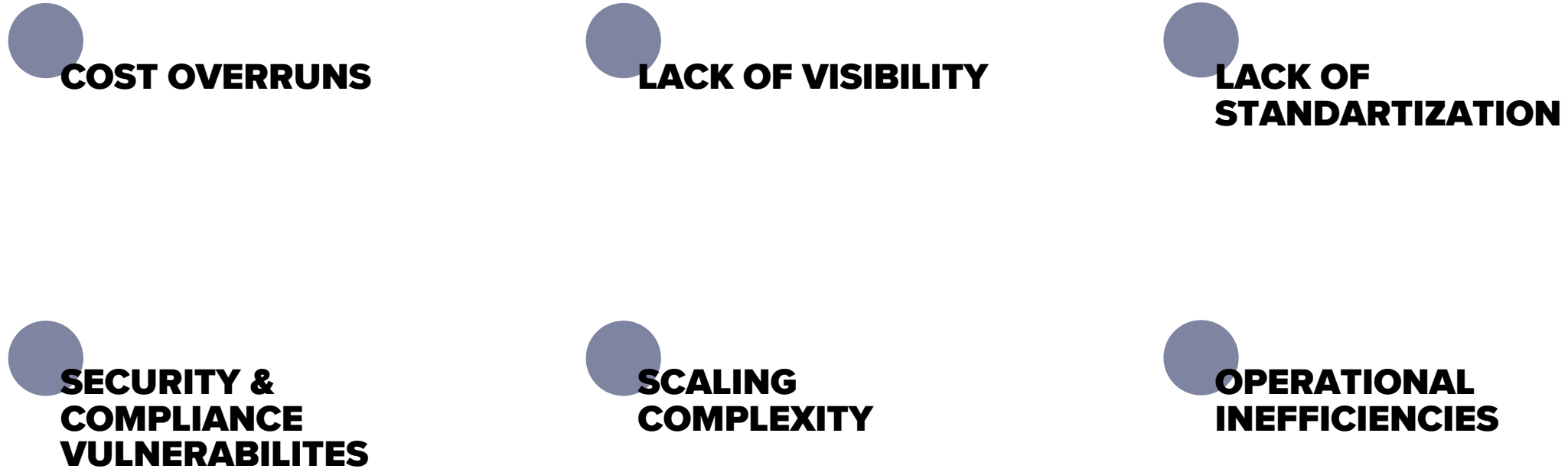
TOP CLOUD INITIATIVES



Coming in at **2nd** place among cloud priorities, “Implementing automated policies for cloud governance” is recognized by **50%** of the survey participants.

* Source: Flexera 2023 State of the Cloud Report

CLOUD JOURNEY PAIN POINTS



CLOUD GOVERNANCE CHALLENGES



CONSISTENCY ACROSS ENVIRONMENTS



BUDGETING AND COST MANAGEMENT



RESISTANCE TO CHANGE



FOLLOWING COMPLIANCE REQUIREMENTS & STANDARDS



ENSURING SECURITY



POLICY ENFORCEMENT AND REMEDIATION

CLOUD GOVERNANCE BENEFITS



**IMPROVED RESOURCE
ORGANIZATION
AND MANAGEMENT**



**COST MANAGEMENT
AND OPTIMIZATION**



**AUTOMATED
CENTRALIZED VISIBILITY
AND CONTROL**



**CONSISTENT
COMPLIANCE**



**ENHANCED
SECURITY**



**AUTOMATED
GUARDRAILS**

SOFTSERVE
CLOUD GOVERNANCE
MVP

WHY CLOUD GOVERNANCE MVP



**FAST-DEPLOYABLE
APPROACH**



**TRANSPARENT COST
MANAGEMENT**



**CONSISTENT AND
SCALABLE AZURE
ORGANIZATION
STRUCTURE**



**COSNTANT MICROSOFT-
MANAGED COMPLIANCE
AUDIT**



**MICROSOFT-DRIVEN
SECURITY VALIDATION**



**FOUNDATION FOR FULL-
SCALE GOVERNANCE
ENABLEMENT**

CLOUD GOVERNANCE MVP CONSISTS OF

COST MANAGEMENT

- Budget and Cost Alerts
- Revealing of Unused Resources
- Audit Hybrid Benefits enablement

SECURITY BASELINE

- Azure benchmark audit
- Regulatory Compliance audit via Azure Built-in Policies

RESOURCE CONSISTENCY

- Azure Resource Organization Structure as Code
- Audit of Resources Tagging
- Allowed Regions Control

IDENTITY BASELINE

Audit Privileged Access and Identity Management via Azure Benchmark Policies

DEPLOYMENT ACCELERATION

- Governance as Code
- Integration with CI/CD process

ENGAGEMENT OVERVIEW



PROJECT SPECIFICATIONS

- Remote execution
- Project timeline: **2** weeks
- Client participation: Up to **30** hours
- Budget: **\$16K**



TEAM COMPOSITION

- Certified Azure Solutions Architects from SoftServe
- Business and Technical stakeholders from the Client



DESCRIPTION

Our expert will deploy Cloud Governance MVP via our own accelerator to your Azure cloud in audit-only mode with no impact on existing Azure services. That deployment will allow you to see how your cloud deployment follows the best practices and security/compliance standards.

At the end of the engagement, you will have:

- Clear vision of all cloud governance disciplines including Resource Consistency, Security, Cost Management, Identity, and Deployment Acceleration
- Deployed and adopted Cloud Governance MVP to your cloud deployment on audit-only mode
- Controlled and predictable cost management
- Identified ways to boost cloud cost efficiency
- Current state of your cloud deployment in terms of following Azure best practices and compliance regulatory standards
- Integrated Cloud Governance MVP with your CI\CD process
- Actionable plan to enable Cloud Governance in full-scale Production deployment

CLOUD GOVERNANCE MVP ACTIVITIES

Activity with Client Stakeholders

SoftServe Offline Activity

WEEK 1

WORKSHOPS

Azure Governance Introduction Workshop

Cloud Governance Requirements Gathering Workshop

ACCELERATOR DEPLOYMENT

Prepare Accelerator's Configuration

Accelerator Initial Deployment

Gather Initial Deployment Outcomes

Analyze Initial Deployment Outcomes

Finalize Governance Accelerator configuration (Policies, exemptions, resource excludes)

Adjust Accelerator's Configuration

WEEK 2

ACCELERATOR DEPLOYMENT

Integrate Accelerator with CI/CD

Accelerator Intermediate Deployment

Gather Intermediate Deployment Outcomes

Analyze Intermediate Deployment Outcomes

Adjust Accelerator's Configuration

Accelerator Final Deployment

Analyze Final Deployment Outcomes

RESULTS PRESENTATION

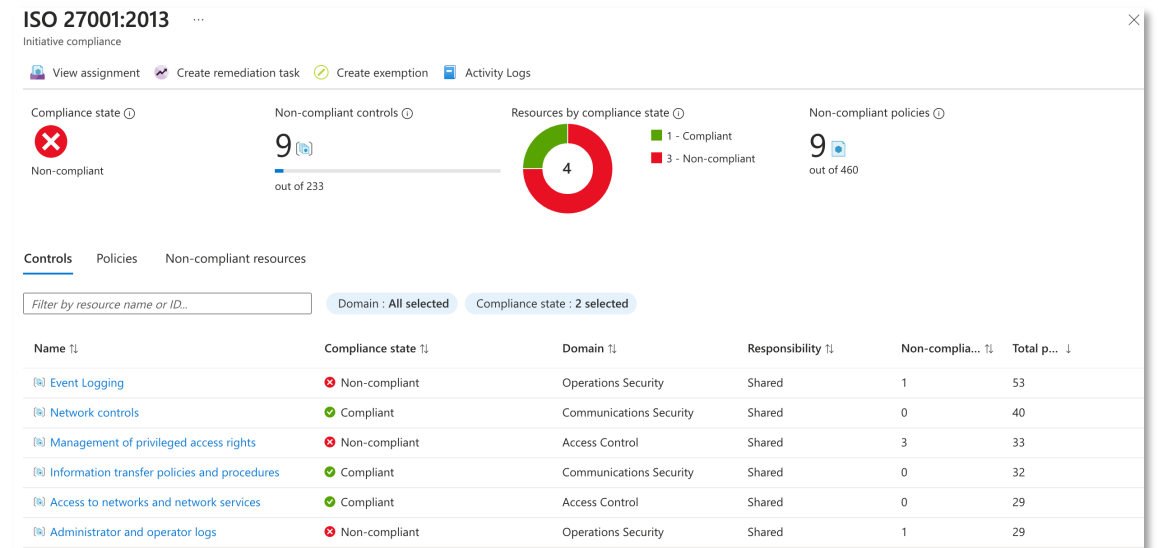
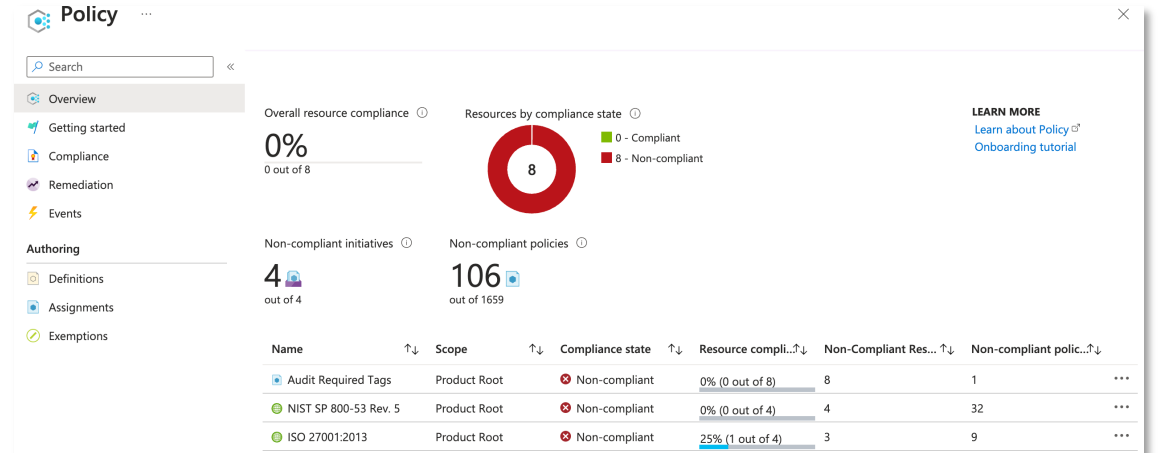
Presentation and Validation of Governance MVP results

Knowledge Sharing and Q&A Sessions

CLOUD GOVERNANCE MVP DELIVERABLES

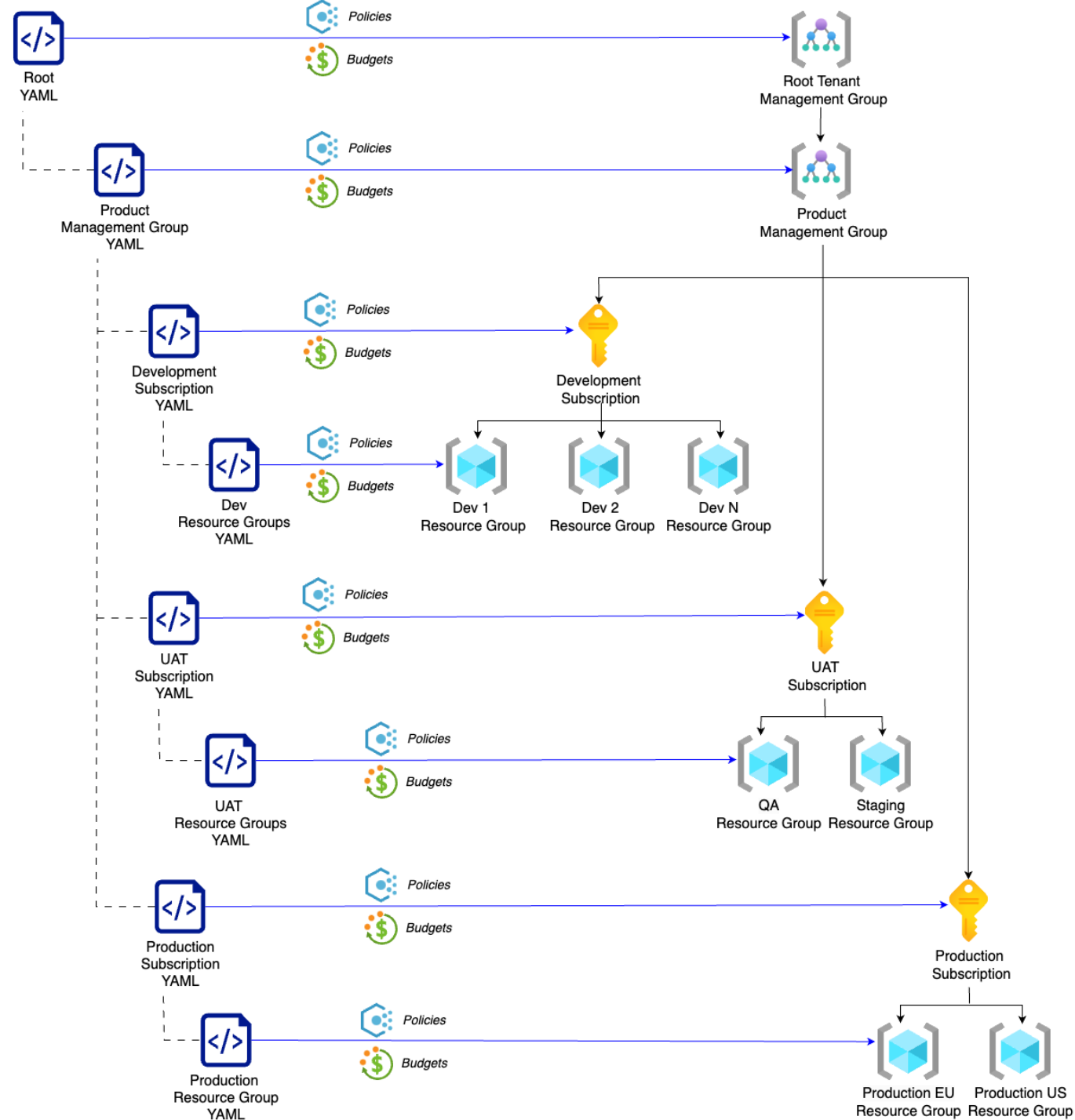
DELIVERABLES:

- Introduced Azure Cloud Governance concept and disciplines
- Provisioned Cloud Governance MVP in audit-only mode
- Cloud Governance adopted to your Azure deployment
- Cloud Governance automation integrated with CI/CD
- Knowledge sharing and Q&A sessions
- Full-scale governance enablement roadmap and Scope of Work



CLOUD GOVERNANCE MVP TECHNICAL DETAILS

- Terraform-based automation
- YAML configuration interface
- Azure Built-In Policy Initiatives
- Predefined Custom Azure Policies
- Azure Budgets and Alerts
- Azure DevOps YAML Pipeline Template
- GitHub Actions YAML template



CLOUD GOVERNANCE NEXT STEPS

FULL-SCALE GOVERNANCE

**CLOUD
GOVERNANCE
MVP**



ENFORCEMENT

to convert audit policies to enforced ones



REMEDIATION

to make workload(s) resources fully compliant to MVP policies



SCALE GOVERNANCE SCOPE

to extend the number of policies or/and organizational units

**FOR
THE
FUTURE**