Azure Security Modernization

Improve your security posture in Azure

Is your security configured optimally? Do you have visibility into cloud-hosted workload compliance and risk mitigation? 80% of cloud breaches this year will be due to misconfiguration, mismanaged credentials, or insider theft.[1]

Azure Security Modernization (ASM) from Microsoft Industry Solutions helps make sure your Azure workloads are secure at any scale. ASM's continuous security model gives you visibility into potential vulnerabilities while keeping you compliant with data protection and privacy regulations.

◆ Outcomes ◆

ASM can strengthen your organization's security and compliance posture using a continuous security improvement methodology. ASM can be scoped for Azure platform, services, and workloads and scaled to your needs.

Transparency

Start with Microsoft recommended practices and adjust according to your business risk appetite and compliance requirements.
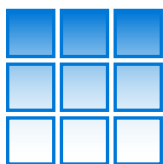
Scalability

Build scalable security controls in Azure Policy or Azure Resource Manager and deploy them into a CI/CD pipeline.
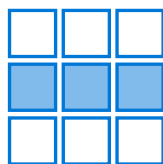
Visibility

Use built-in Microsoft Defender for Cloud capabilities to continuously audit security requirements.
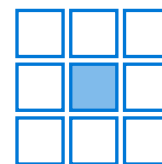
◆ Capabilities ◆

Platform

Gain a holistic view of your Azure tenant security and its assets.

Service

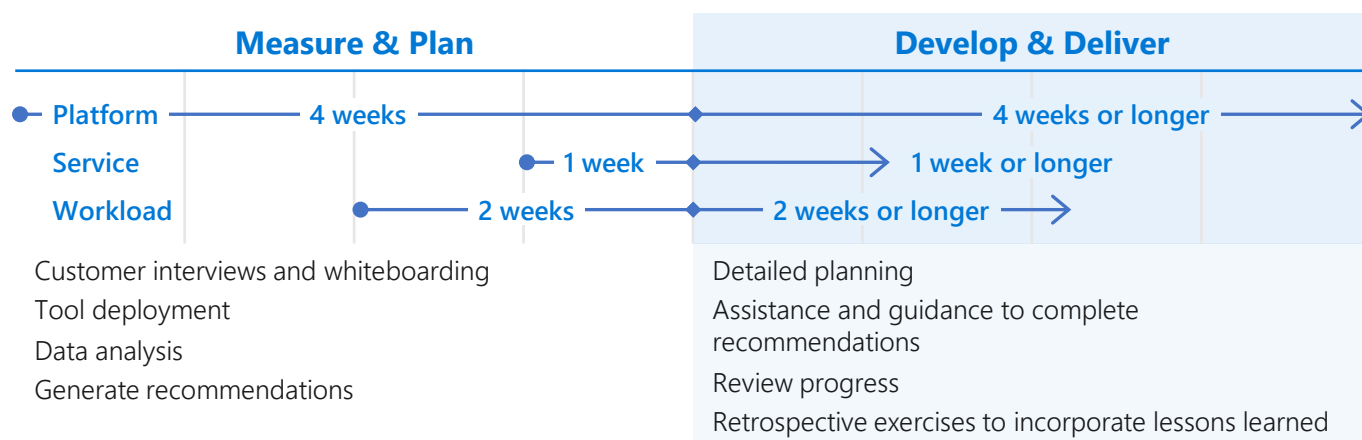Specific consideration for an Azure service Offering

Workload

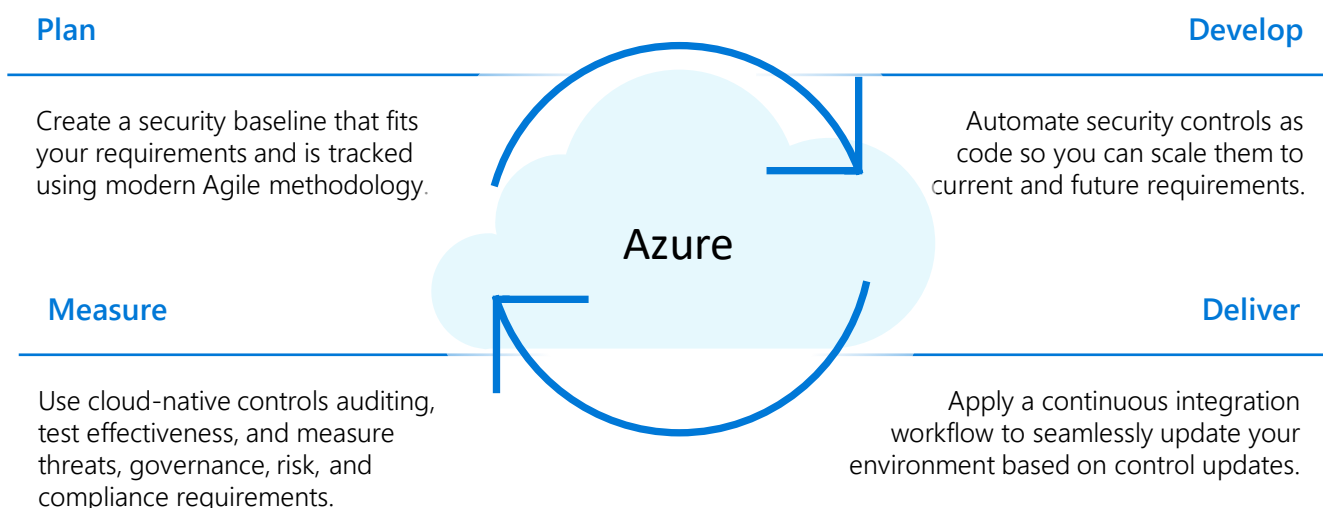Secure landing zones, applications, microservices, and design patterns.

Risk and compliance requirements
Control effectiveness

[1]Forbes Magazine, 9 Aug 2018, www.forbes.com/sites/forbestechcouncil/2018/08/09/the-one-cloud-security-metric-every-ciso-should-know/

Sprint-based approach with baseline durations

Measure & Plan		Develop & Deliver	

Platform —— 4 weeks —————— ◆ —————— 4 weeks or longer —————→

Service ● 1 week ——→ ◆ 1 week or longer

Workload ● —— 2 weeks ——→ ◆ 2 weeks or longer ——→

Customer interviews and whiteboarding
Tool deployment
Data analysis
Generate recommendations

Detailed planning
Assistance and guidance to complete recommendations
Review progress
Retrospective exercises to incorporate lessons learned

Plan

Create a security baseline that fits your requirements and is tracked using modern Agile methodology.

Develop

Automate security controls as code so you can scale them to current and future requirements.

Azure

Measure

Use cloud-native controls auditing, test effectiveness, and measure threats, governance, risk, and compliance requirements.

Deliver

Apply a continuous integration workflow to seamlessly update your environment based on control updates.

ASM benefits from the continuous feedback loop between our security teams and customers, continually updating and improving our architecture, frameworks, and guidance—a benefit we pass onto you through more secure, reliable, and scalable methods for implementing Microsoft technologies.

Why Microsoft Industry Solutions? For over 35 years we've been committed to promoting security in our products and services—from helping our customers and partners protect their assets to working to help make sure that their data is kept secure and private. We focus on security, identity, information protection ecosystems—leveraging partnerships with vendors and consulting firms around the world to drive changes in our products and services to provide you with protection for your intellectual assets.

Next Steps Contact your Microsoft Industry Solutions representative or visit https://microsoft.com/industrysolutions earn how you can protect your organization with *Azure Security Modernization.*