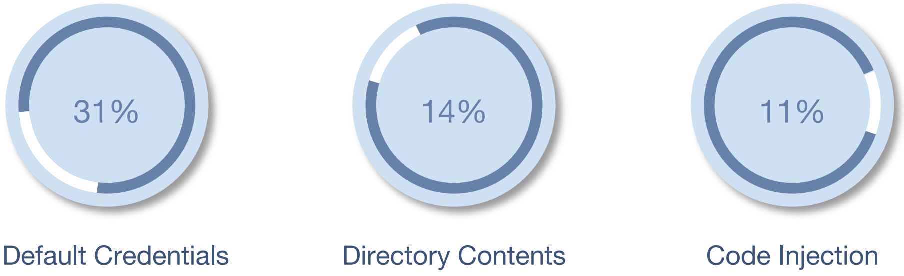
Microsoft Azure Security Modernization

Integrated with Synack

Cloud Configuration and Security

80% of cloud breaches in 2020 were due to misconfiguration, mismanaged credentials, or insider theft attacks (Source: Gartner). Security teams are left responsible for not only securing cloud assets, but for rolling out security hygiene training and policies to developers. Based on an increase in cloud misconfiguration vulnerabilities reported by the Synack Red Team in 2020, it is clear the existing solutions and frameworks are fragmented—leaving ample room for malicious exploit.

Authentication session vulnerabilities, including default credentials, directory content, and code injection, make up 40% of Synack reported cloud exploits.



Microsoft and Synack have partnered to launch the first end-to-end, proactive cloud security framework and testing solution.

Microsoft Azure Security Modernization Integrated with Synack

Pairing Microsoft's own Azure security experts with Synack's world class security researchers creates an efficient feedback loop in which Microsoft consultants integrate Synack security data into your enterprise security and development programs. Microsoft Azure-specific procedures, policies, and environments are designed, developed, and refined based on your actual resilience to attack. Microsoft Azure Security Modernization (ASM) can be scoped for Microsoft Azure platform, services, and workloads and scaled to your needs for continuous security improvement.

OUTCOMES

INTEGRATED

- Microsoft led Azure policy development and management
- Turnkey Microsoft Azure integrations for multi cloud testing across web, infrastructure, and API assets
- Microsoft Azure-specific manual testing campaigns
- Microsoft Azure DevOps Boards, Jira, Splunk, and ServiceNow integrations

AGILE

- Scalable security controls deployed in your CI/CD pipeline via Microsoft Azure Policy or Azure Resource Manager
- Continuous manual testing for dynamic cloud threats across production or pre- production environments
- Sprint testing—"Microtest Campaigns"—for manual testing aligned to DevOps releases

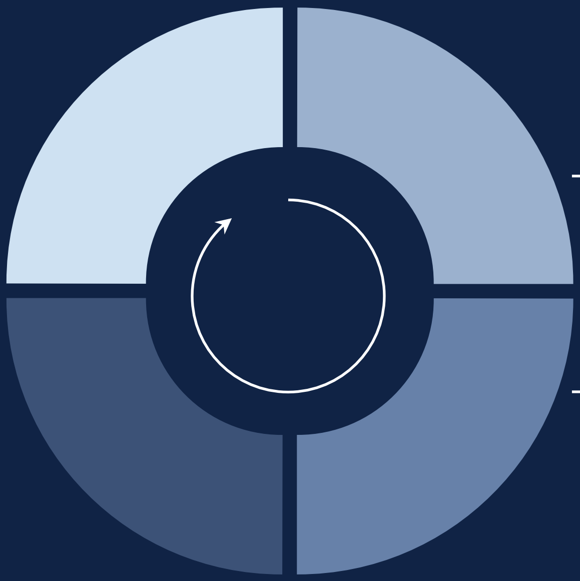
TRANSPARENT

- Microsoft best practices aligned to your business risk appetite
- Built-in Microsoft Azure Security Center capabilities to continuously audit security requirements
- Manual testing metrics and analytics via Synack Platform for real time review of coverage

COMPLIANT

- Microsoft Azure Security Benchmark framework deployed according to your business and compliance requirements
- Penetration testing and reporting aligned to industry standards (NIST, CIS, OWASP, PCI, and HIPAA)

Microsoft Azure Security Modernization Approach



PLAN

Outline tailored control objectives and risk requirements—the ”Security Baseline”—for your Microsoft Azure Platform, Services, and Workloads.

DEVELOP

Define and code automated controls aligned to your Security Baseline to scale with business growth and future requirements.

DELIVER

Apply a continuous workflow for code review and deployment to ensure collaboration and code consistency.

MEASURE

Synack to measure effectiveness of the deployed security controls and feed data into *Planning* phases via Microsoft ASM targeted Missions Campaigns and Vulnerability Discovery.

Microsoft Consulting Services

For over 35 years we have 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.

Learn More

Contact your Synack Consulting Services representative at microsoft@synack.com.

The Synack Platform

Synack is the only solution with a turnkey Microsoft Azure integration for offensive testing. The integration enables continuous penetration and offensive security testing that scales across web and mobile applications, internal and external networks, and Microsoft Azure managed assets with dynamically assigned IPs.

The Synack Platform leverages an elite crowd of global researchers alongside proprietary technology for on-demand testing, control, and transparency. We bring noiseless, actionable data to our clients in real time:

- Exploitable vulnerability details and risk ratings
- Security controls testing
- Researcher data and insights
- Attacker Resistance Scores
- On-demand retesting via Patch Verification
- On-demand custom and comprehensive reporting