MAZZY TECHNOLOGIES

Microsoft Security

Microsoft Azure Penetration Testing

Our Azure Penetration testing service identifies cloud misconfigurations and other security issues on your Microsoft Azure infrastructure and provides actionable recommendations to improve your Azure cloud security posture.

External Azure Pentesting

In an external Azure Pentest, we emulate an external attacker to:

- Identification of Cloud Assets
- Scanning Cloud Assets for Misconfiguration and Vulnerabilities
- Risk Analysis on Vulnerabilities Found

> *" MT – MAZZY TECHNOLOGIES utilizes specialized cloud pentesting tools and manual security testing to reveal security issues in your public facing Azure services."*

Cloud Security Assessment

Scanning internet-facing cloud resources is a high priority, but a complete cloud security assessment which evaluates the security posture of your Microsoft Azure infrastructure, requires the following steps:

- Discovery of all internet-facing assets a hacker could find as potential vector into your Azure account
- Identification of attack surfaces exposed by cloud services and Active Directory (AD) integration
- Identification of known and common vulnerabilities on internet-facing assets and web applications.
- Identification of vulnerabilities that can be exploited to increase privileges and gain unauthorized access to other systems, applications, and sensitive data.
- Verification of findings using manual Azure penetration testing techniques and expert interpretation.
- Actionable guidance for the remediation of verified vulnerabilities.

Internal Network Pentesting

Testing internal cloud resources from another resource such as a Virtual Machine (VM) enables MT to emulate an attacker that has gained unauthorized access in your Azure environment.

We emulate an insider attacker by acquiring ordinary users' organizational profiles to escalate privileges and access restricted resources in Azure through its management portal or command line interface.

Azure Threat Research Matrix

Reconnaissance	Initial Access	Execution	Privilege Escalation	Persistence	Credential Access	Exfiltration
Port Mapping	Valid Credentials	Virtual Machine Scripting	Privileged Identity Management Role	Account Manipulation	Steal Managed Identity JsonWebToken	SAS URI Generation
IP Discovery	Password Spraying	Unmanaged Scripting	Elevated Access Toggle	Account Creation	Steal Service Principal Certificate	File Share Mounting
Public Accessible Resource	Malicious Application Consent	Managed Device Scripting	Local Resource Hijack	HTTP Trigger	Service Principal Secret Reveal	Replication
Gather User Information			Principal Impersonation	Watcher Tasks	Azure KeyVault Dumping	Soft-Delete Recovery
Gather Application Information			Azure AD Application	Scheduled Jobs	Resource Secret Reveal	
Gather Role Information				Network Security Group Modification		
Gather Resource Data				External Entity Access		
Gather Victim Data				Azure Policy		

Configurations Review:

Our Azure security experts evaluate the configurations of your Azure infrastructure, by performing a comprehensive assessment which adheres to Microsoft cloud security best practices and industry standards such as CIS (Center for Internet Security) Controls.

Our configuration assessment, provides tailored recommendations and actions which will improve the overall security of your Azure tenant and allow your business to broaden your cloud adoption efforts safely.

Why MT?

Mazzy Technologies, Corp. (MT) is headquartered in New York, NY and is a premier business and technology consulting firm. MT delivers an amazing customer experience to mid-sized, enterprise and public sector customers and helps them solve business challenges with technology solutions.

Our process-driven approach is specifically designed to consistently deliver success to our clients. Our team of specialists are perfect for complex projects that require substantial creativity, strategic vision, and stellar technology expertise.

Contact us today to get started!

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