CyberOne

Assessment of Microsoft Azure Firewall Security

Assess. Optimise. Defend.

Expert-Led Firewall Assessment for Maximum Protection in Azure.

Strengthen Your Microsoft Azure Firewall Security

CyberOne's Assessment of Microsoft Azure Firewall Security comprehensively reviews your Azure Firewall and virtual firewall appliances, ensuring optimal security, compliance and performance. By identifying misconfigurations, refining rules and strengthening security policies, we help organisations reduce vulnerabilities, prevent unauthorised access and align with Zero Trust best practices.

Are You Confident in Your Firewall's Security?

Many organisations struggle to maintain effective firewall security, leading to excessive rule sets, misconfigurations and unprotected entry points.

Common challenges include:

Configuration Drift & Complexity
Evolving environments result in outdated security policies.

Overly Permissive Firewall Rules
Unnecessary open ports increase attack surface.

Poor Network Segmentation
Flat network structures allow lateral movement for attackers.

Inadequate Authentication Policies
Weak access controls expose firewalls to threats.

Lack of Logging & Monitoring
Missing audit logs prevent visibility into firewall activity.

VPN & Secure Connectivity Issues
Misconfigured tunnels weaken cloud security posture.

CyberOne's Assessment of Microsoft Azure Firewall Security eliminates these risks by delivering expert-led firewall optimisation and security hardening tailored to your Azure and hybrid cloud environments.

CyberOne Firewall Security Review: Assessment & Optimisation

CyberOne's security experts conduct a deep-dive analysis into the architecture, rules and policies governing your Microsoft Azure Firewall and virtual firewalls, identifying areas for enhancement and risk mitigation.

Firewall Rule Analysis
Remove redundant, overly permissive, or conflicting rules.

Authentication & Access Policies
Validate MFA, RBAC and conditional access configurations.

High Availability & Performance
Assess failover mechanisms and traffic efficiency.

Network Segmentation Review
Strengthen isolation and enforce Zero Trust principles.

Logging & Monitoring
Ensure audit trails and SIEM integration for threat detection.

VPN & Secure Connectivity
Verify Azure VPN Gateway and site-to-site tunnel security.

By optimising these critical areas, we enhance security while maintaining operational efficiency.

How We Deliver Your Assessment of Microsoft Azure Firewall

Our structured approach ensures a comprehensive assessment, identifying vulnerabilities and providing clear, actionable recommendations to enhance your Microsoft Azure Firewall security. We help you reduce risk, improve compliance and optimise performance by aligning with Zero Trust principles and industry best practices.

Step 1: In-Depth Assessment
Our security engineers conduct an end-to-end review of your Azure Firewall, virtual firewall appliances and cloud security controls.

Step 2: Risk Identification & Security Hardening
We provide a detailed security report with identified vulnerabilities, misconfigurations and security policy recommendations.

Step 3: Optimisation & Compliance Alignment
We work with your team to implement best-practice configurations and align your security posture with industry compliance requirements.

By following this process, CyberOne ensures your firewall is fully optimised to defend against evolving threats. Our expert-led review strengthens security while maintaining operational efficiency, giving you confidence in your Microsoft cloud infrastructure.

Why Choose CyberOne?

CyberOne's Assessment of Microsoft Azure Firewall Security delivers the expertise, resilience and efficiency needed to protect and ensure compliance.

1. Microsoft Specialists
Security, Infrastructure and Modern Work Solution Partners CyberOne ensures that your firewall security aligns with Microsoft's best practices.

2. Actionable Security Hardening Recommendations
Our report provides clear, prioritised security enhancements, ensuring rapid and measurable risk reduction.

3. Zero Trust & Compliance Readiness
Ensure your firewall policies support compliance with ISO 27001, GDPR, PCI DSS and NIST security frameworks.

4. Risk Reduction & Operational Efficiency
CyberOne help optimise your security without impacting performance, maintaining business continuity while reducing risk.

5. Maximised Microsoft ROI
Optimise your Microsoft investment with CyberOne's certified expertise across the Azure and Security solution suites.

6. Seamless Integration with Microsoft Security
Ensuring your firewall policies align with Microsoft Sentinel, Defender for Cloud and Security Center for complete threat visibility.

7. Tailored Risk Mitigation
CyberOne proactively identifies and addresses data vulnerabilities specific to your business, reducing exposure before threats materialise.

About CyberOne

CyberOne are trusted by some of the world's most admired brands and organisations, dedicated to securing their mission-critical services.

Our 'Resilience Without Compromise,' ethos drives us, bringing together the brightest talent and the best technologies, our comprehensive end-to-end cyber security solutions offer complete protection, ensuring resilience against an ever-evolving threat landscape.

Headquartered in the UK, our experienced Global Security Operations Centre (SOC) ensures relentless round-the-clock surveillance, so clients can focus on what they do best.

CyberOne

+44 (0) 3452 757575 | hello@cyberone.security | cyberone.security