CyberOne

Microsoft 365 Security Assessment

G-Cloud 15

Service Description

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Microsoft 365 Security Assessment

A short, focused assessment that identifies misconfigurations, gaps and quick wins across Microsoft 365, prioritises risk by business impacted and provides clear remediation guidance aligned to Microsoft best practice.

1. Purpose

- **Purpose:** CyberOne will provide you with a precise view of security risks across Microsoft 365 and a practical plan to reduce them fast. The assessment finds misconfiguration, security gaps and low-effort improvements to create a remediation report.
- **Business problems solved:** lack of visibility of M365 risk, uncertainty on Secure Score priorities, inconsistent configurations across identities, endpoints, email, SaaS and stalled security initiatives due to unclear next steps.

2. Target Audience Profile

- **Who it's for:** CIOs, CISOs, IT and security leaders who want an objective view of Microsoft 365 risk and a prioritised remediation plan.
- **Organisation Profile:** Microsoft-centric, cloud-first upper-SME to mid-market and lower enterprise
- **Typical Challenges:** Under-utilised Microsoft security capabilities, fragmented policies, identity sprawl and limited internal bandwidth to baseline current state and drive improvements.

3. Engagement Overview

- **Duration:** typically, 1–3 weeks from kick-off to handover.
- **Approach:** hands-on assessment in your tenant to capture current state, confirm findings, then deliver a ranked, risk-based plan with quick wins and strategic improvements. High-priority weaknesses are raised immediately to your nominated stakeholders.
- **Access Required:** minimum Entra ID Security Administrator and Compliance Administrator roles; ideally Global Administrator and Compliance Administrator.

4. In-Scope Microsoft Security Technologies

- **Microsoft Entra ID** - identity and access management
- **Microsoft Intune** - endpoint management and device compliance
- **Microsoft Defender for Endpoint** - endpoint threat protection
- **Microsoft Defender for Office 365** - email and collaboration protection
- **Microsoft Defender for Identity** - on-prem AD identity threat protection
- **Microsoft Defender for Cloud Apps** - cloud app discovery and control
- **Microsoft Purview** - data security, governance and compliance

(Technologies listed per the assessment scope.)

5. Methodology

- **Control framework:** CyberOne's Microsoft Security Assessment Matrix (MSAM) - a structured matrix of 350+ controls tailored by your licensing and adoption - is used to baseline your environment.
- **How we score risk:** each finding receives a weighted Risk and Impact score. We then prioritise issues into an actionable remediation plan, highlighting quick wins and Secure Score improvements.
- **What "good" looks like:** recommendations align to Microsoft best practice and aim to uplift your Microsoft Secure Score where relevant.

6. Deliverables

You receive a concise, executive-ready report that includes:

- **Executive Summary** - key risks, risk themes and recommended near-term actions
- **Prioritised Findings List** - each with Risk and Impact scoring and severity
- **Per-Technology Summaries** - Entra, Intune, Defender family, Purview
- **Quick Wins** - low effort, high value changes to action first
- **Detailed Remediation Recommendations** - what to change and why
- **Secure Score Uplift Opportunities** - targeted steps to improve measurable posture
- **Immediate Notification** of high-priority weaknesses during the engagement

(All items above are standard outputs of this assessment.)

7.What this means for your business

- **Clarity:** a single view of the biggest risks in Microsoft 365 and what to do next
- **Speed:** a short engagement that unblocks stalled initiatives with practical remediation recommendations
- **Confidence:** alignment with Microsoft guidance and Secure Score focus so progress is measurable and defendable at board level

8. How the work is delivered (Sample Plan)

a) Kick-Off - confirm scope, access, stakeholders and timelines
b) Discovery & Evidence Capture - control checks across in-scope technologies using MSAM
c) Analysis & Validation - score, group and prioritise findings by Risk and Impact
d) Interim Escalation - flag any critical weaknesses immediately
e) Report & Readout - executive and technical debrief, with a sequenced plan and quick wins

9.Customer Benefits & Outcomes

- **Improved Security Posture** - risk is reduced in the right order, not just the loudest area
- **Operational Simplicity** - clear owners, actions and acceptance paths
- **Faster Time-To-Value** - rapid quick wins and Secure Score improvements
- **Strategic Alignment** - roadmap supports your compliance and resilience goals

(All outcomes are grounded in the assessment scope and deliverables.)

10. Optional Next Steps & Follow-On Services

- **Microsoft 365 Security Remediation** - CyberOne implements agreed changes to reduce risk quickly.
- **Assure 365 Managed Services** - Modular Microsoft Security operations covering Identity, Endpoint, XDR and Data Security with 24x7 capability.
- **Related Professional Services** - Secure Score, Rapid Remediation, and broader Microsoft cloud security assessments where needed.

11. Why CyberOne

- **Cyber Security Since 2005** - 20 years of demonstrable cyber experience across regulated industries, aligned to organisational, operational and regulatory needs.
- **Microsoft Security Leadership** - Top 100 Global Microsoft Security Partner, MISA member, trusted by Microsoft to deliver advanced protection, productivity and ROI.
- **Global SOC. Microsoft Verified Managed XDR** - CREST-accredited 24x7 Global Security Operations Centre delivering measurable detection, response and resilience with defined SLAs and outcomes.
- **Escalate Fast With NCSC-Accredited Response** - NCSC Cyber Incident Response available by retainer or call-off SoW, delivered by the same team that monitors you for faster coordination and simpler management.
- **Audit-Ready Compliance** - Timelines, approvals and evidence captured automatically with control mappings that integrate directly into audits and board packs.
- **Complete Visibility. Total Control** - Your data remains sovereign within your Microsoft tenant, with no third-party data storage. We access only your Microsoft log ingestion, giving you full control.
- **One Portal. Total Clarity. Performance-Led** - Live incidents, prioritised insights and board-ready reporting in Jerico - with measurable outcomes. No chasing. No guesswork.
- **Immediate Value. Long-Term Protection** - DevOps-driven onboarding applies baselines, detections, controls and playbooks fast. SOC maturity in 7 days or less for immediate protection.
- **Maximise Microsoft Investments** - Get ROI from your Microsoft licences, we raise utilisation today and rapidly adopt new capabilities to widen coverage and reduce effort.
- **Focus on Growth. Unlock Innovation** - Remove the operational security burden, enabling you to focus on innovation, transformation and measurable business impact.

12. Customer Responsibilities

- Provide the required **Entra ID roles** for assessment access
- Nominate technical and business stakeholders for rapid clarification
- Confirm in-scope Microsoft technologies and current licensing
- (Access roles and scope expectations per assessment overview.)

13. Engagement Governance & Quality

- Clear scope and timeline confirmed at kick-off with defined stakeholders
- Findings validated and risk-scored using the MSAM control matrix
- Readout covers both executives and technical owners with agreed next steps

(Structured delivery mirrors CyberOne's proven service approach.)

Assumptions

- Scope limited to the Microsoft technologies listed above and your current Microsoft 365 licensing and adoption. The control count applied depends on what you use and own.
- You can access the roles listed; additional read-only access may be requested to validate specific findings.

Microsoft 365 Security Assessment

Strengthen Your Security Posture.
Maximise Your Microsoft Investment.

Actionable Recommendations, Measurable Results. Proven Microsoft Expertise.

CyberOne's Microsoft 365 Security Assessment identifies vulnerabilities and misconfigurations, delivering tailored recommendations and detailed remedial actions to optimise your Microsoft 365 configuration.

By identifying gaps in your environment, our assessment highlights risks and provides actionable insights to strengthen your security posture while optimising Microsoft 365 to enhance productivity in modern, hybrid and flexible work environments.

Microsoft 365 Common Challenges & Complexity

Microsoft 365 is a market-leading platform that offers unparalleled potential to empower collaboration, enhance productivity and secure your organisation. However, many businesses struggle to fully realise these benefits due to the following challenges:

Complex Technology: The vast Microsoft 365 suite requires deep expertise to configure and manage effectively, ensuring all features are fully leveraged.

Uncontrolled Shadow IT: Employees using unauthorised apps increase the attack surface and risk of data breaches

Limited Technical Resources: Organisations often lack the specialised knowledge and bandwidth to secure, optimise and maintain Microsoft 365 environments, especially when stretched or focused on other critical projects.

Continually Evolving Technology: Frequent updates and new capabilities make it difficult to stay current and avoid configuration drift.

Insider Threats: Malicious or negligent insider risks are often overlooked or not sufficiently mitigated.

Unsecured Emerging Technologies: Innovations like AI introduce new security challenges that demand proactive management.

Misalignment with Best Practices: Deviating from Microsoft-recommended configurations weakens security and can leave organisations vulnerable.

Security Awareness Gap: Employees may not fully understand or use available security features, increasing the risk of human error.

Complex Migration: Migrating to and maintaining Microsoft 365 technologies requires significant expertise and resources.

Successfully addressing these challenges demands expert guidance to ensure your Microsoft 365 environment is not only secure and aligned with best practices but also tailored to your business objectives. With the right expertise, your organisation can fully unlock the transformative potential of Microsoft 365 while building a resilient foundation for future growth.

The Solution to Meet These Challenges

CyberOne's Microsoft 365 Security Assessment is a comprehensive solution tailored to overcome these obstacles, delivering actionable insights that will have measurable outcomes.

1. Microsoft-Certified Expertise

As Microsoft Security and Modern Workplace Solution Partners, we align your configurations with industry-leading best practices.

2. Comprehensive Assessment

Through a thorough hands-on technical assessment alongside key stakeholder interviews, we uncover vulnerabilities, security gaps and misconfigurations.

3. Prioritised Recommendations & Action Plan

Receive a clear roadmap of recommendations tailored to your organisation's needs, with quick wins and longer-term strategies for sustained improvement.

4. Proactive Risk Reduction

Address critical security gaps using a Zero Trust approach, minimising your exposure to threats and building long-term resilience against evolving risks.

5. Maximised Microsoft ROI

Optimise the use of Microsoft 365's built-in features to get the most value out of your existing licence investment and improve operational efficiency.

6. OPTIONAL ADD-ON: Rapid Remediation

Accelerate the implementation of recommendations utilising CyberOne's expert-led remediation services, ensuring swift improvements to your environment.

What Does Microsoft 365 Security Assessment Cover?

In recognition of the common challenges faced when deploying and configuring Microsoft 365, CyberOne's Security Assessment leverages the Cyber Security Assessment Tool (CSAT)* to identify vulnerabilities, misconfigurations and opportunities for optimisation.

What We Will Do: Conduct a focused Assessment to identify misconfigurations, security gaps, opportunities and quick wins. We will assess your current state through Secure Score analysis, hands-on investigation and internal stakeholder reviews.

The Outcome: Prioritised actionable recommendations will help better secure and optimise Microsoft 365.
Key deliverables include:

- **Immediate Attention:** High priorities will be raised with nominated stakeholders for urgent resolution.
- **Quick Wins:** Highlighted actions to deliver immediate improvements.
- **Medium-Term Remediation:** Detailed remedial actions required within 90 days will be highlighted.
- **Secure Score Uplifts:** Specific recommendations to demonstrate measurable progress in your security posture.

Flexible Engagement: Available as a one-off service or packaged with other security offerings.

Annual Assessment: To address configuration drift and maintain a strong security posture over time.

With CyberOne's expert-led approach, you'll gain tailored insights to uncover risks, optimise your Microsoft 365 environment and fully utilise its features. Our service helps maximise ROI on your Microsoft investment, enhance productivity and strengthen security, ensuring your organisation remains resilient against evolving cyber threats.

* For eligible customers only

About CyberOne

CyberOne is a Microsoft Security Solution Partner and member of the Microsoft Intelligent Security Association (MISA). We deliver one of the UK's most advanced AI-augmented Managed eXtended Detection & Response (MXDR) services, recognised with Microsoft-verified Managed XDR solution status, enabling organisations to move with confidence from risk to resilience. Powered by Microsoft's market-leading security technologies and realised by CyberOne's accredited experts, we help businesses anticipate and contain modern threats so they can thrive.

With 24x7x365 Global SOC coverage, NCSC accredited Cyber Incident Response, CREST SOC and Penetration Testing accreditations and guaranteed SLAs, CyberOne combines Microsoft Security with expert consulting, professional and managed services to protect operations, achieve compliance and build lasting resilience.

Accreditations & Certifications

CyberOne's services are backed by the world's leading standards bodies including NCSC, CREST and ISO as well as our key technology partners, whilst our experts are backed by industry-leading certifications, cementing our role as leaders in cyber security.

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