



Security

Threat Protection Engagement

Engagement Overview



Introducing the Threat Protection Engagement

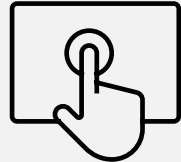
Discover threats and vulnerabilities to Microsoft cloud and on-premises environments.



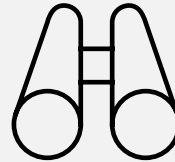
What we'll do during the engagement



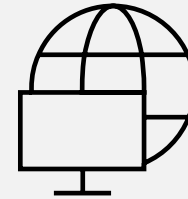
Analyze requirements and priorities for a Unified Security Operations Platform with Microsoft Defender XDR and Microsoft Sentinel



Define scope & deploy selected Microsoft security solutions in production environment.



Discover threats to cloud and on-premises and across email, identity, servers, endpoints and data.



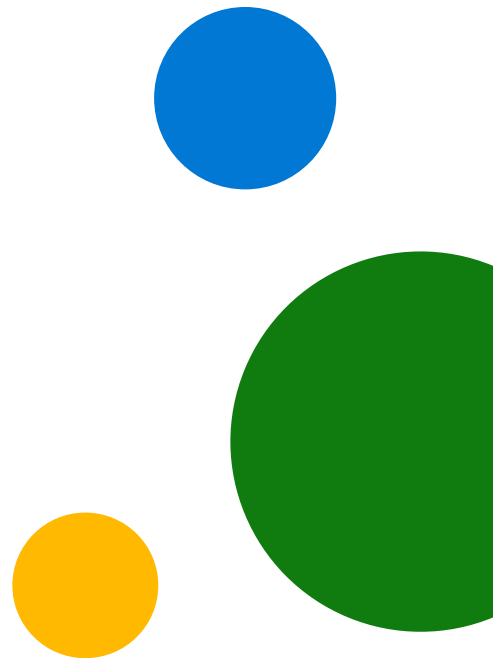
Discover and prioritize vulnerabilities and misconfigurations across the organization.



Plan next steps on how to work together.

After the Threat Protection Engagement, the customer will...

- ✓ Better understand, prioritize, and mitigate potential threats.
- ✓ Better understand, prioritize, and address vulnerabilities.
- ✓ Accelerate their security journey with Microsoft.
- ✓ Have defined next steps based on their needs and objectives.



Objectives



Discover threats

Gain visibility into threats to Microsoft 365 cloud and on-premises environments across email, identity, servers, endpoints and data to better understand, prioritize and mitigate potential vectors of cyberattacks against the organization.

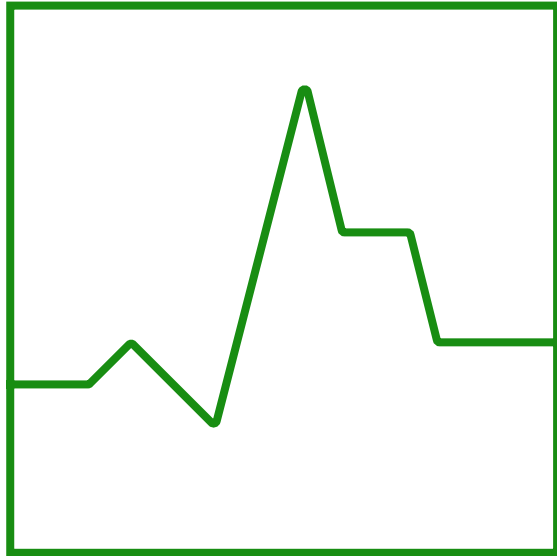
Discover vulnerabilities

Gain visibility into vulnerabilities to Microsoft 365 cloud and on-premises environments to better understand, prioritize and address vulnerabilities and misconfigurations across the organization.

Define next steps

As part of the engagement, we will work with the customer to define a list of next steps based on needs, objectives, and results from the Threat Protection Engagement.

Outcomes



Threat Exploration Results

Findings from the exploration of cyber security threats currently targeting the organization, as observed in this engagement.

Threat Recommendations

Maps observed threats to Microsoft 365 security products and features to mitigate impact.

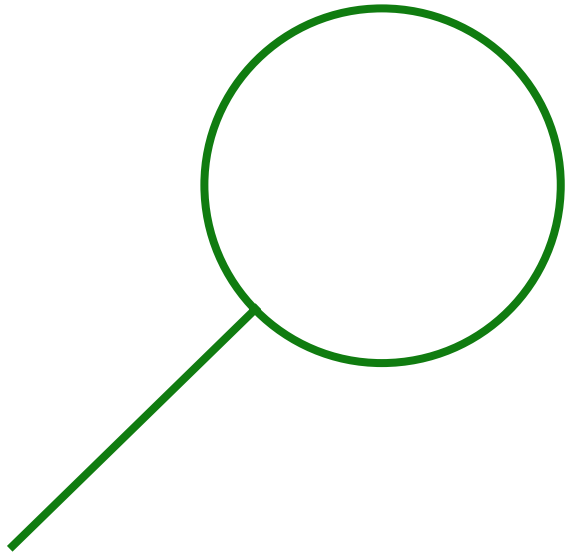
Vulnerability Exploration Results

Findings from the exploration of vulnerabilities and misconfigurations, as observed in this engagement.

Vulnerability Recommendations

Guidance on how to prioritize and address vulnerabilities and misconfiguration.

Out of Scope



- » Configuration of Microsoft security solutions beyond the guidance provided in the Delivery Guide
- » Deep analysis (investigation) of threats found during the engagement
- » Incident response
- » Forensic analysis
- » Technical designs or implementations
- » Proof of Concept or Lab Deployment

Readiness (Optional)



Readiness is an optional phase of the Threat Protection Engagement designed to ensure that all attendees will have a basic understanding of the Microsoft Security products included as part of the engagement.

Threat Protection Overview

Providing an overview of how Microsoft security solutions, such as Microsoft Defender XDR, Microsoft Sentinel, and more, can help in defending against cyber threats.

Data Collection



Data Collection

- » Threats detected by the engagement tools.
- » Vulnerabilities and misconfigurations detected by the engagement tools.
- » Upload of Cloud Discovery logs (towards the end of the activity)*.

* Only applies to the Endpoint and Cloud Apps Protection – Selectable Module when using Microsoft Defender for Cloud Apps as a source of the cloud discovery data.



Threats and Vulnerabilities Exploration (Mandatory and Selectable Modules)



Threats and Vulnerabilities Exploration



Gain visibility into threats and vulnerabilities to cloud and on-premises environments obtained as part of the engagement.



Learn about key product scenarios and features of Microsoft security solutions.



Get recommendations from Microsoft experts on:

- How to mitigate cyberattacks
- How to discover and prioritize vulnerabilities and misconfigurations.

The image displays two screenshots from Microsoft security solutions. The top screenshot shows the Microsoft Sentinel Incidents dashboard, featuring a table of incidents with columns for severity, incident ID, title, alerts, product names, and creation/last update times. The bottom screenshot shows the Microsoft Defender Vulnerability Management dashboard, which includes an organization exposure score of 27/100, a bar chart for exposure distribution, a donut chart for remediation activities, and a table of top exposed devices with their security recommendations and exposure levels.

Microsoft Copilot for Security Demonstration - Selectable Module



Microsoft Copilot for Security Demonstrations

Interactive demonstrations on how Microsoft Copilot for Security can help support security professionals in end-to-end scenarios such as incident response, threat hunting, intelligence gathering, and posture management.

Microsoft Copilot for Security interactive demonstrations:

- Unified SecOps Platform – Business Email Compromise
- Unified SecOps Platform – SAP Attack Disruption
- Defender XDR embedded to standalone
- Unified SecOps Platform – Human Operations Ransomware
- CISO report to the board of directors
- CISO using Copilot for Security
- Copilot for Security – Prompt book creation
- Copilot for Security – Script analysis

The image displays two overlapping screenshots from the Microsoft Defender console. The top screenshot shows a 'Multi-stage incident involving Initial access & Co...' with a high severity rating. It lists several alerts: 'Potential human-operated malicious activity', 'Suspicious RDP session', and 'Manatee Tempest activity group'. An 'Incident summary' on the right provides details about the attack, including the initial access point and the processes involved. The bottom screenshot shows the 'Microsoft Copilot for Security' interface, specifically the 'Script analysis' feature. It displays a PowerShell script for analyzing a script or command, which has been executed and completed in 31 seconds. The script performs actions like making HTTP requests, downloading files, and executing processes. A prompt at the bottom asks the user to 'Ask anything about security, or type / for suggestions or * for promptbooks'.

Results Presentation and Next Steps Discussion

- » Findings and recommendations from the Threats and Vulnerabilities Exploration
- » Technical-level next steps, such as deployments and/or managed services
- » Strategic-level next steps
- » Agree on follow-up engagements



Engagement Decommissioning

“Leave no trace.”

- Remove uploaded logs
- Remove configuration changes
- Deactivate trial licenses





For more information, please contact us at

www.cloudguard.ai
hello@cloudguard.ai
+44 (0)161 504 3313

