Threat & Vulnerability Management







Discover

Continuously discover vulnerabilities and misconfigurations as they occur.



Prioritize

Prioritize vulnerabilities based on your business context and the dynamic threat landscape.



Remediate

Bridge the gap between security and IT teams with our built-in end-to-end remediation process.

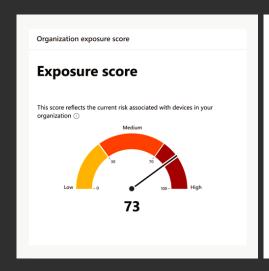
Vulnerability Management Maturity Model

| Level 0 | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|--|--|--|---|--|--|
| NON-EXISTENT | SCANNING | ASSESSMENT & COMPLIANCE | ANALYSIS & PRORITIZATION | ATTACK MANAGEMENT | BUSINESS-RISK MANAGEMENT |
| No vulnerability scanning | Vulnerability assessment solution in place | Driven by regulatory framework | Risk-focused | Attacker and threat focused | Threat and risk aligned with business goals |
| Manual vulnerability assessments | Ad-hoc vulnerability scanning | Scheduled vulnerability scanning | Scan data prioritized through analytics | Multiple threat- vectors scanned and prioritized | All threat-vectors scanned and prioritized |
| Haphazard patching | Rudimentary patching | Scan to patch lifecycle | Patching data-driven by priority | Patching based on risk to critical assets | Continuous patching |
| No processes exist | Basic processes | Emerging processes | Measurable processes | Efficient, metrics-based processes | Unified business and IT processes |
| No metrics | Basic metrics | Little measurability, busy metrics | Emerging metrics and trends | Threat-driven metrics and trends | Measurement integrated to enterprise risk management |
| Blissful ignorance | | Awareness & early maturity | | Business risk & context | |

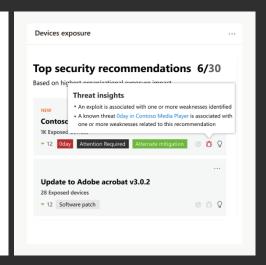
PEAK DATA OVERLOAD

EFFECTIVE PRIORITIZATION

We help you focus on the right things at the right time.







Exposure score

Indicates the current exposure associated with machines in your organization:

- Weaknesses discovered on machines
- · Likelihood of machines to get breached
- Value of machines to the organization
- Related alerts discovered on machines
- Remediation needs to address, based on your prioritized security recommendations

Device score

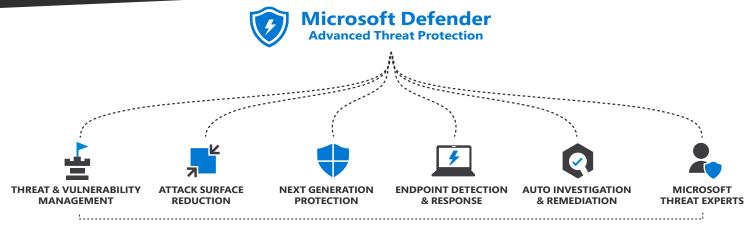
Reflects the security posture of your organization's machines:

- Differentiate between operating systems
- Find misconfiguration across machines and installed applications
- Get context on machine misconfigurations during incident investigations

Security recommendations

A holistic view of your organization allows for a strong security posture:

- Dynamic and actionable
- Recommendations are scored and prioritized based on risk to your organization
- Threat insights map to current emerging threats, and give breach insights in EDR alerts
- Take action across multiple or individual machines



CENTRALIZED CONFIGURATION AND ADMINISTRATION, APIS

Get started with Microsoft Defender ATP

Threat & Vulnerability Management is the latest innovation in Microsoft Defender ATP, which continues to evolve to provide customers with powerful, real-time, and integrated means to discover, prioritize, and remediate threats.

Sign up for a trial of Microsoft Defender ATP and onboard as many machines as you need.

Learn more at https://aka.ms/mdatp