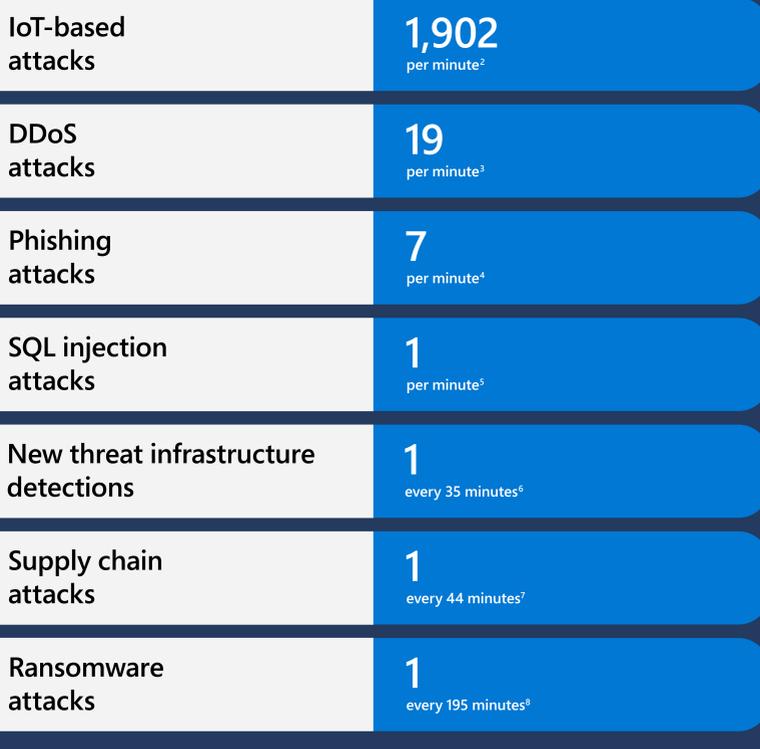


Cyberthreat Minute

Cybercrime is big and growing bigger. As the threat landscape evolves and security perimeters expand, we aim to frame a macro problem on a micro scale. To illuminate the top threats organizations face in a year, we have broken down a year's cybercrime research by the minute.

Today's threat landscape

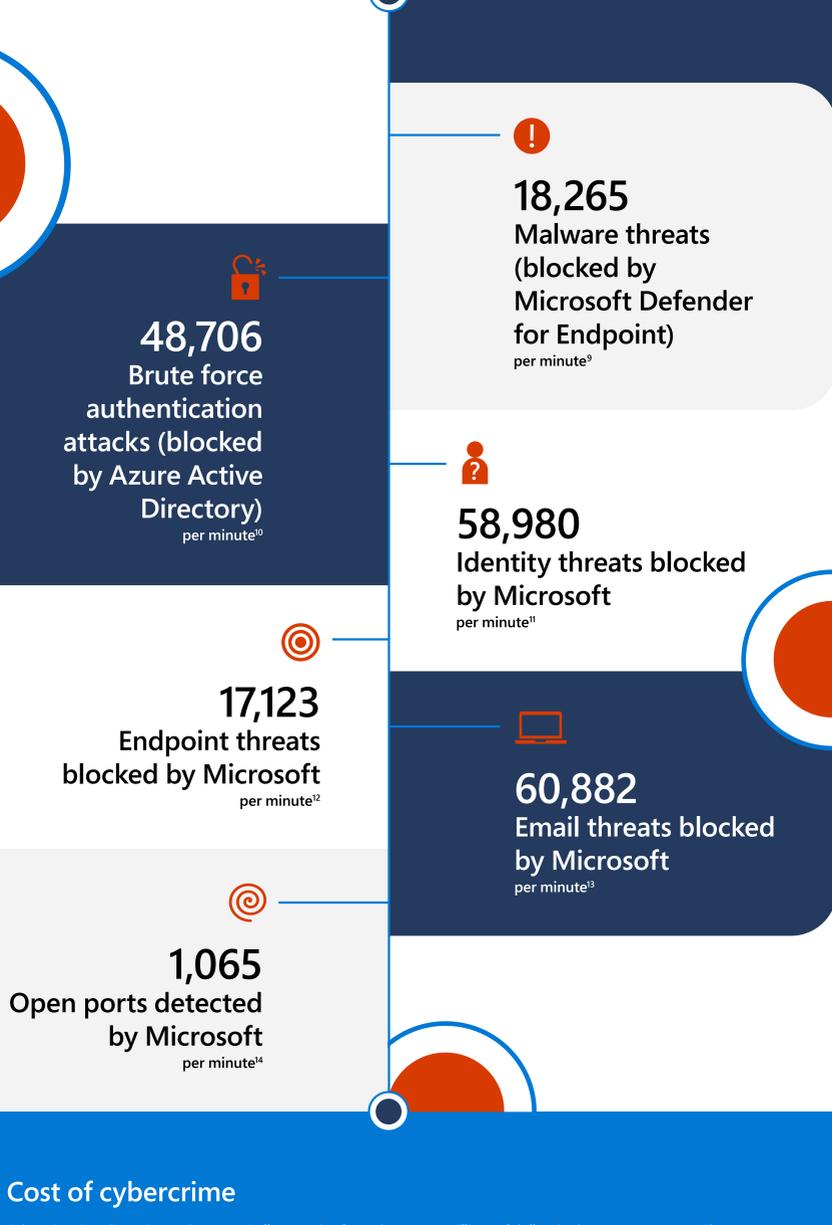
In any given 60-second window, the following malicious activity is happening.



The new threat infrastructure detections insight comes from internal RiskIQ data. Microsoft acquired RiskIQ in 2021 to help organizations assess the security of their entire digital enterprise.

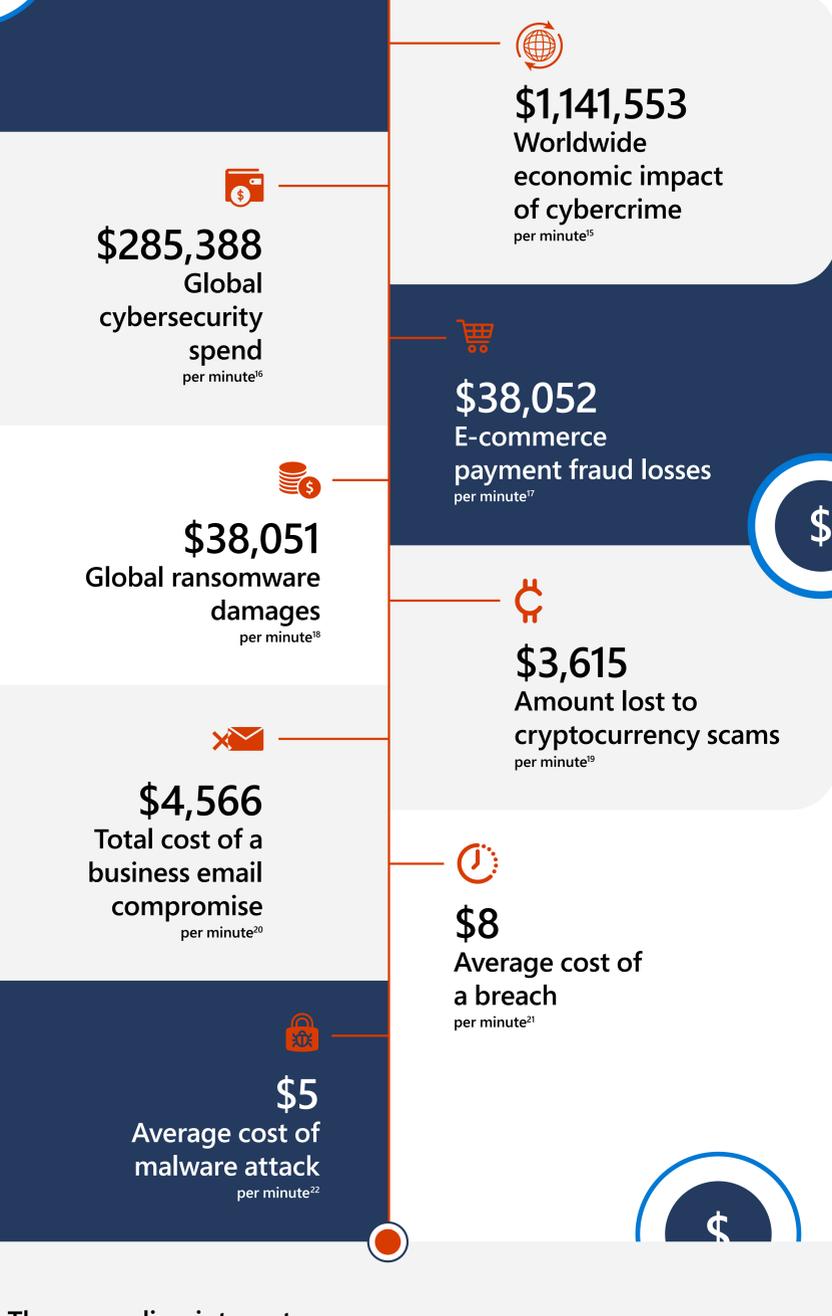
Microsoft security data

Microsoft operates global services at a massive scale, allowing us to see, aggregate, and correlate threat signals across the globe and from a variety of industries. Our diverse spectrum of threat data from endpoints, identities, applications, and the cloud are reasoned over by our security researchers, who help to generate a high-fidelity picture of the current state of the threat landscape.



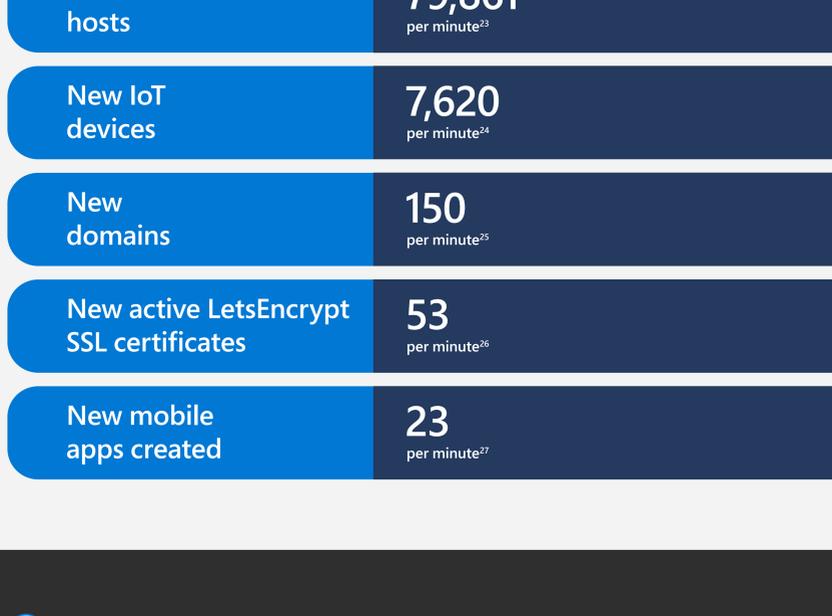
Cost of cybercrime

Cybercrime is a disruptive and economically corrosive force that causes trillions of dollars in damages every year. The cost of cybercrime comes from damage done to data and property, stolen assets—including intellectual property—and the disruption of business systems and productivity.



The expanding internet

As the internet continues to expand, opportunities for cybercrime expand too. And the same applies to organizations. The cloud migration, new digital initiatives, and shadow IT increase the size of the attack surface, and at the enterprise level, that can mean a vast estate spanning multiple clouds and massively complex ecosystems. Meanwhile, flourishing cheap infrastructure and flourishing cybercrime economies grow the threat landscape that organizations must track.



Conclusion

The threat landscape is dynamic, and Microsoft has an unparalleled view. We track more than 24 trillion signals every day to develop dynamic, hyper-relevant threat intelligence that evolves with the attack surface and helps us to detect and respond to threats rapidly.

We also offer this intelligence directly to customers, giving them a deep and unique view of the threat landscape, a 360-degree understanding of their exposure to it, and tools to mitigate and respond.

Sources

- <https://www.microsoft.com/security/blog/2021/05/12/securing-a-new-world-of-hybrid-work-what-to-know-and-what-to-do/>
- <https://www.techpost.com/articles/110312/20220426/crime-grows-technology-1-billion-iot-devices-suffered-attacks-2021.html#:~:text=In%202022%2C%20there%20was%20more,of%20cyberattacks%20to%20be%20successful>
- <https://www.netscout.com/threatreport>
- <https://www.helpnetsecurity.com/2022/03/03/phishing-attacks-december-2021/>
- https://owasp.org/Top10/A03_2021-Injection/
- RiskIQ internal data
- <https://www.sonatype.com/resources/state-of-the-software-supply-chain-2021>
- <https://www.securitymagazine.com/articles/97166-ransomware-attacks-nearly-doubled-in-2021>
- <https://query.prod.cms.rt.microsoft.com/cms/api/am/binary/RWUGFg>
- <https://query.prod.cms.rt.microsoft.com/cms/api/am/binary/RWUGFg>
- <https://www.microsoft.com/en-us/security/business/microsoft-digital-defense-report>
- <https://www.microsoft.com/en-us/security/business/microsoft-digital-defense-report>
- <https://www.microsoft.com/en-us/security/business/microsoft-digital-defense-report>
- RiskIQ internal data
- <https://www.csis.org/analysis/economic-impact-cybercrime>
- <https://www.dataprise.com/resources/blog/2022-cybersecurity-spending>
- <https://www-statista-com/statistics/1273177/e-commerce-payment-fraud-losses-globally>
- https://www.cyberreason.com/hubs/dam/collateral/ebooks/Cyberreason_Ransomware_Research_2021.pdf
- <https://cipertrace.com/2020-year-end-cryptocurrency-crime-and-anti-money-laundering-report/>
- <https://news.microsoft.com/on-the-issues/2022/05/03/how-microsofts-digital-crimes-unit-fights-cybercrime/>
- <https://www.ibm.com/downloads/cas/OjDVQGRY>
- <https://cobalt.io/blog/business-cost-of-cybercrime>
- RiskIQ internal data
- <https://securitytoday.com/Articles/2020/01/13/The-IoT-Rundown-for-2020.aspx?Page=2>
- RiskIQ internal data
- <https://letsencrypt.org/stats/#growth>
- <https://www.riskiq.com/resources/infographic/evil-internet-minute-2021/>

To get the latest cyberthreat insights from Microsoft Security, go to <https://www.microsoft.com/security-insider/>

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