

## Security Fast Facts

### Microsoft stats

- We see more than 8 trillion security signals every day
- There are over 3,500 security experts at Microsoft
- There are more than 100 members of the Microsoft Intelligent Security Association
- We continue to see strong momentum for Azure Sentinel with more than 3500 paying customers since GA
- Multifactor authentication for businesses can help reduce the risk of identity compromise by more than 99.9%
- Azure Active Directory Premium is used by more than 100,000 organizations for identity, access management and SaaS application security across heterogeneous environments
- Azure AD protects 2 million unique apps including cloud apps like ServiceNow, GSuite, and Salesforce, as well as on-premises apps, with security features and capabilities like MFA and Conditional Access
- Azure AD authenticates more ServiceNow customers than any other identity provider
- Azure AD authenticates more Zscaler Global 2000 customers than any other identity provider

### "Problem" stats

- Cybercrime costs more than \$1 trillion a year: that's three times as much as the costs of natural disasters and a significant increase from the \$600 billion cybercrime cost globally in 2018, which was already 0.8 percent of global GDP and \$500 billion in 2014
  - Source: Ponemon Institute and Accenture: Ninth Annual (2019) Cost of Cybercrime Study: <https://www.accenture.com/us-en/insights/security/cost-cybercrime-study>
- It takes organizations an average of 206 days to identify a data breach, and another 73 days to contain it (279 days total).
  - Source: Ponemon Institute and IBM: Cost of a Data Breach Report, 2019: <https://www.ibm.com/security/data-breach>
- The number of devices in the world is expected to exceed 75 billion by 2020
  - Source: Morgan Stanley: <https://www.businessinsider.com/75-billion-devices-will-be-connected-to-the-internet-by-2020-2013-10>
- By July of 2019 over 4 billion records were exposed due to data breaches
  - Source: Risk Based Security: The 2019 MidYear Data Breach QuickView Report: <https://pages.riskbasedsecurity.com/2019-midyear-data-breach-quickview-report>
- 53% of organizations experienced an insider attack in the last 12 months
  - Source: Cybersecurity Insiders: Insider Threat Report 2019: <https://www.cybersecurity-insiders.com/ninety-percent-organizations-vulnerable-insider-threats-according-new-cybersecurity-report/>
- On average, over 200 regulatory updates are issued on a daily basis
  - Source: Boston Consulting Group: Global Risk 2018: Future-Proofing the Bank Risk Agenda: <https://www.bcg.com/en-gb/publications/2018/global-risk-2018-future-proofing-bank-agenda.aspx>
- 80% of data is 'dark' – unmanaged and unclassified
  - Source: Econsultancy and IBM: Marketing in the Dark, Dark Data, 2018: <https://www.ibm.com/downloads/cas/OZAREGJ3>
- By 2025 it's estimated there will be over 160 Zettabytes (or 160 trillion gigabytes) of data
  - Analogy #1: 160 ZBs of data stored on DVDs and stacked on top of each other would get you to the moon 23 times or circle Earth 222 times

- Analogy #2: 160 ZBs of data downloaded over an average broadband connection of 25 Mb/s would take 1.8 billion years
  - Source: IDC: Data Age 2025: The Evolution of Data to Life-Critical, April 2017: <https://www.import.io/post/idc-predicts-the-datasphere-to-reach-160-zettabytes-by-2025/>
- The typical 800-person U.S. company has 141 paid SaaS vendors
  - Source: Cleanshelf: State of Business' SaaS Spend 2019: <https://www.cleanshelf.com/wp-content/uploads/2019/08/Cleanshelf-infographics-2019.pdf>
- Companies use on average 120+ apps
  - Source: Blissfully: 2018 Q1 SaaS Trends Report: <https://www.blissfully.com/saas-trends/saas-trends-report-q1-2018/>