## alarming facts about cybersecurity you need to know

Cybercrime is the scourge of Australian businesses and organisations of all sizes. From traditional spam, viruses and malware, companies now have to deal with a wide range of threats including phishing, water holing, man-in-the-middle attacks, ransomware and the list goes on.

How prepared is your organisation? We've developed this handy infographic to highlight the nature and impacts of threats you now face.

most

Email scams cost Australian businesses more than \$60m in lost revenue and time<sup>2</sup>

of Australian organisations dealt with phishing-triggered ransomware infections, the highest of all regions surveyed<sup>3</sup>

### Source of data breaches from Australian organisation in 2019<sup>4</sup>

- **64%** Malicious or criminal attack
- 32% Human error
- 4% System fault

Cybercrime incidents per month (on average) self-reported to Reportcyber<sup>5</sup>

The three most common subject lines used in phishing emails<sup>6</sup>

- 1. "Reauest"
- 2. "Follow up"
- 3. "Urgent/Important"

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43,193

Most

Percentage of Australian organisations that have suffered one or more breaches in the past 12 months due to external cyberattacks<sup>7</sup>

Time it takes to resolve a cyberattack if the attacker was a malicious insider. employee or contractor<sup>8</sup>

### Top 4 categories of personal data extracted from Australian organisations due to a data breach for 2019°

- Contact information 1.
- 2. Financial details
- 3. Identity information
- 4. Health information

The average number of Australian IP addresses in May 2020 that were vulnerable to DDoS attacks<sup>10</sup>

Three most common type of cyberattacks on Australian businesses in 2018<sup>11</sup>

- 1. Phishing
- 2. Ransomware
- 3. Process weakness

Cost to the Australian economy of cybercity https://www.scamwatch.gov.au/news-alerts/australian-businesses-hit-hard-by-email-scams 2.

billion

https://www.dailytelegraph.com.au/news/national/chalmers-says-cyber-hits-cost-the-economy-29-billion-a-year/video/a1ad39ad5995c6ae9f2eece4cfec5fe5

Per year

- https://www.proofpoint.com/sites/default/files/gtd-pfpt-au-tr-state-of-the-phish-2020-a4\_final.pdf
- https://www.oaic.gov.au/privacy/notifiable-data-breaches/notifiable-data-breaches-statistics/notifiable-data-breaches-report-july-december-2019/ https://www.cyber.gov.au/threats/threat-update-covid-19-malicious-cyber-activity-20-apr-2020
- https://www.zdnet.com/article/these-are-the-12-most-common-phishing-email-subject-lines-cyber-criminals-use-to-fool-you/
- 6. 7. https://www.interactive.com.au/australian-threat-report/

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- 8. https://www.staysmartonline.gov.au/sites/default/files/Cost%20of%20cybercrime\_INFOGRAPHIC\_WEB\_published\_08102015.pdf
- 9. https://www.oaic.gov.au/privacy/notifiable-data-breaches/notifiable-data-breaches-statistics/notifiable-data-breaches-report-july-december-2019/ 10.
- https://www.cyber.gov.au/aisi/statistics/vulnerable-services-statistics 11.
- ACSC Annual Cyber Threat Report July 2019 to June 2020

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