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THE STATE OF RANSOMWARE IN SINGAPORE 2026

Findings from an independent, vendor-agnostic survey of 33 organizations in Singapore that were hit by ransomware in the last year.

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About the report

Now in its seventh year, the State of Ransomware report is based on the findings from an independent, vendor-agnostic survey commissioned by Sophos. This year's global report is based on the experiences of 2,158 IT/cybersecurity leaders working in organizations that were hit by ransomware in the last year, including 33 from Singapore.

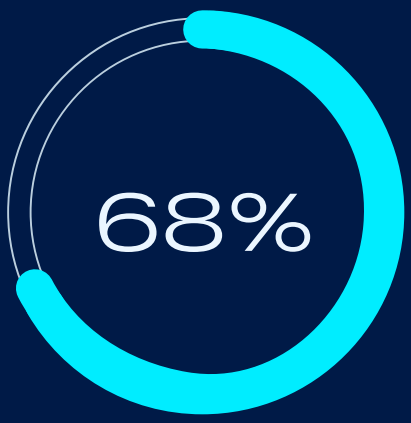
The survey was conducted between January and March 2026. All respondents work in organizations with between 100 and 5,000 employees and were asked to answer based on their experiences in the previous 12 months. All financial data points are in U.S. dollars. Outlier ransoms of $40 million or more were removed from this data.

Survey of

33

IT/cybersecurity leaders in Singapore working in organizations that were hit by ransomware in the last year.

The most common technical root cause of attacks.



Confirmed that this past year's ransomware incident was the same event as their most significant identity attack.

Average cost to recover from a ransomware attack.

Why Singaporean organizations fall victim to ransomware

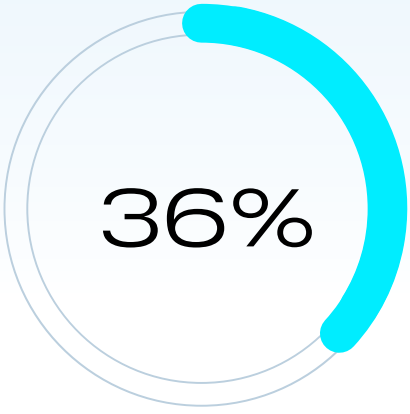
- **Exploited vulnerabilities were the most common technical root cause of attack,** used in 27% of attacks, followed by compromised credentials (24%) and malicious email (21%). Exploited vulnerabilities rose to 27% from 16% in the 2025 report.
- **Poor quality protection (42%) was the most common operational root cause,** followed by human error (39%) and a lack of protection (39%).
- **(NEW) 68% confirmed that this past year's ransomware incident was the same event as their most significant identity attack.**

Business impact of ransomware

- Excluding any ransom payments, **the average (mean) recovery cost for Singaporean organizations was $1.14 million,** a notable drop from the $1.54 million mean in the 2025 report. This includes the costs of downtime, people time, device cost, network cost, lost opportunity, etc.
- **48% of Singaporean organizations recovered from a ransomware attack in up to a week,** a notable drop from the 53% reported in the 2025 report. 21% took between one and six months to recover, a slight drop from the 22% in the 2025 report.

What happens to the data

- **36% of attacks resulted in data being encrypted,** the lowest encryption rate of any country surveyed. This is below the global average of 56% and a drop from the 53% reported by Singaporean respondents in the 2025 report.



of attacks resulted in data being encrypted.

Recommendations

Strengthen identity security as a ransomware defense. Nearly two-thirds of Singaporean ransomware victims confirmed their ransomware incident was the same event as their most significant identity attack, underscoring the tight link between identity compromise and ransomware. Organizations should prioritize identity threat detection and response (ITDR), enforce multi-factor authentication across all access points, and regularly audit both human and non-human identity credentials. As the global report showed (97% of organizations had enabled MFA at the time of their attack), MFA alone is not enough to stop attacks, and it needs to be broadly enabled.

Strengthen endpoint protection for AI frontier models. Frontier AI is accelerating vulnerability discovery and exploitability. Having strong endpoint defenses that automatically block exploit-based attacks is essential.

Prioritize email security. With phishing and malicious email accounting for over one-third of ransomware root causes in Singapore, organizations should deploy advanced email filtering, implement DMARC/DKIM/SPF protocols, and invest in regular phishing awareness training.

Invest in backup and recovery infrastructure. Organizations that maintained robust backup systems recovered encrypted data at nearly record rates in the past year. Backups should be tested regularly, stored offline or in immutable formats, and integrated into a documented incident response plan that can be executed under pressure.

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To explore how Sophos can help you optimize your ransomware defenses, speak to an advisor or visit **sophos.com/ransomware2026**

Sophos delivers industry leading cybersecurity solutions to businesses of all sizes, protecting them in real time from advanced threats such as malware, ransomware, and phishing. With proven next-gen capabilities your business data is secured effectively by products that are powered by artificial intelligence and machine learning.

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