

Topics in Privacy & Security

Ransomware

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Contents

1	Technical Report	1
2	Email	1
2.1	Memo	1
2.2	Justification	1
3	References	2
4	Appendix	3

1 Technical Report

more prevalent as more devices become dependent on complex software and IOT

-McAfee Labs 2018:[1] "cyber sabotage and disruption of organisations" profit is the key driver of ransomware: criminals aim to make money from inconveniencing a user

criminals will focus on: inconvenience and disruption through dos rather than malicious fatal damage specifically those who can AFFORD to pay to quickly recover from the attack

Rise of untraceable cryptocurrencies allows easy money laundering

-Cyber Security Breaches Survey 2017[2]

regular (offline) back ups while regular backups must be kept as a last resort, prevention and detection is preferable as recovery from a backup may take considerable amounts of time for large data AND aiming to stop access to data

2 Email

2.1 Memo

2.2 Justification

refer to BS EN ISO standards relate this to the technical report in previous section

As analogy has been used to help the users relate to the explanation

3 References

- [1] McAfee Labs, “McAfee Labs 2018 Threats Predictions Report,” Nov. 2017.
- [2] Department for Culture, Media & Sport, “Cyber Security Breaches Survey 2017,” Apr. 2017.

4 Appendix