

CSA

4. Appointment of Commissioner of Cybersecurity and other officers
 5. Duties and functions of Commissioner
 6. Appointment of authorised officers
Part 3 CRITICAL INFORMATION INFRASTRUCTURE
 7. Designation of CII
 8. Power to obtain information to ascertain if computer, etc., fulfils criteria of CII
 9. Withdrawal of designation of CII
 10. Furnishing of information relating to CII
 11. Codes of practice and standards of performance
 12. Power of Commissioner to issue written directions
 13. Change in ownership of CII
 14. Duty to report cybersecurity incident in respect of CII
 15. Cybersecurity audits and risk assessments of CII
 16. Cybersecurity exercises
 17. Appeal to Minister
 18. Appeal to Advisory Panel
Part 4 RESPONSES TO CYBERSECURITY THREATS & INCIDENTS
 19. Powers to investigate and prevent cybersecurity incidents, etc
 20. Powers to investigate and prevent serious cybersecurity incidents, etc.
 21. Production of identification card by incident response officer
 22. Appointment of cybersecurity technical experts
 23. Emergency cybersecurity measures and requirements
Part 5 CYBERSECURITY SERVICE PROVIDERS
 24. No person to provide licensable cybersecurity service without licence
 25. Licensing officer and assistant licensing officer
 26. Grant and renewal of licence
 27. Conditions of licence
 28. Form and validity of licence
 29. Duty to keep records
 30. Revocation or suspension of licence
 31. Unlicensed cybersecurity service provider not to recover fees, etc
 32. Financial penalty
 33. Licensing officer to give opportunity to make representations before ordering financial penalty
 34. Recovery of financial penalties
 35. Appeal to Minister
Part 6 GENERAL
 36. Offences by corporations
 37. Offences by unincorporated associations or partnerships
 38. Powers of investigation
 39. Power to enter premises under warrant
 40. Jurisdiction of court
 41. Composition of offences
 44. Protection from personal liability

PDPA

3. Purpose
 4. Application of Act
PART II PDPC AND ADMINISTRATION
 5. Personal Data Protection Commission
 6. Functions of Commission
 7. Advisory Committee
 8. Delegation
 9. Conduct of proceedings
 10. Co-operation agreements

PART III GENERAL RULES WITH RESPECT TO PROTECTION OF PERSONAL DATA

11. Compliance with Act
 (3) Designate one or more individuals to be responsible to comply with
 (5) Make available to public business contact
 12. Policies and practices
 (a) Develop and implement policies and practices necessary
 (c) Communicate to its staff info about own's policies
 (d) Make information available on request about policies

PART IV COLLECTION, USE AND DISCLOSURE OF PERSONAL DATA

13. Consent required
 14. Provision of consent
 15. Deemed consent
 16. Withdrawal of consent
 17. Collection, use and disclosure without consent
 18. Limitation of purpose and extend
 19. Personal data collected before appointed day
 20. Notification of purpose

PART V ACCESS TO AND CORRECTION OF PERSONAL DATA

21. Access to personal data
 22. Correction of personal data
PART VI CARE OF PERSONAL DATA
 23. Accuracy of personal data
 24. Protection of personal data
 25. Retention of personal data
 26. Transfer of personal data outside Singapore
PART VII ENFORCEMENT OF PARTS III TO VI
 27. Alternative dispute resolution
 28. Power to review
 29. Power to give directions
 30. Enforcement of directions of Commission in District Court
 31. Reconsiderations of directions or decisions
 32. Right of private action

"integrity" to guard against improper info modification or destruction yet individuals have rights to modify and seek destruction of info about themselves

"confidentiality" to preserve authorized restrictions on access and disclosure - yet companies "share" personal data with other companies for commercialization

"availability" to ensure timely and reliable access to and use of info - yet individuals want deny companies access to their personal data

includes the activity of any organisation, whether or not designated individuals are working under an unpaid volunteer work relationship

"individual" means a natural person, whether living or deceased;

"organisation" includes any individual, company, association or body of persons, corporate or unincorporated, whether or not -

(a) formed or recognised under the law of Singapore, or

(b) resident, or having an office or a place of business, in Singapore

"business contact information" means an individual's name, position name or title, business telephone number and any other similar information about the individual, not provided by the individual, not available to the public, and includes

"data intermediary" means an organisation which processes personal data on behalf of another organisation but does not include an employee

"employment" includes working under an unpaid volunteer work relationship

"individual" means a natural person, whether living or deceased;

"organisation" includes any individual, company, association or body of persons, corporate or unincorporated, whether or not -

(a) formed or recognised under the law of Singapore, or

(b) resident, or having an office or a place of business, in Singapore

"personal data" means data, or processing, in relation to personal data, means a trust for the benefit of one or more designated individuals acting in any operation or set of operations in relation to the personal data, and

(i) transmission; (g) erasure or destruction

"public agency" includes - (a) the Government, including any ministry, dept, agency, or organ of State,

(b) any tribunal appointed under any written law; or (c) any statutory body specified under subsection (2)

"publicly available" in relation to personal data about an individual, means personal data that is generally available to the public, and includes

(a) at which the individual appears; and

(b) that is open to the public;

Subramaniam v PP [1956]: Defined the rule against hearsay, page 6 evidence act

- **Admit computer record, dismiss hearsay, Roy S Selvarajah v PP [1998]** (About abetment of overstaying). The Singapore High Court in the case of Roy S Selvarajah v PP that the computer database records with the Data Processing Centre of the Immigration Department are admissible as "documents" under section 380, CPC. The evidence showed that the principal offence of overstaying was committed as a result of Selvarajah's abetment. Given the need to protect the public interest in deterring would-be offenders from abetting illegal overstayers to remain in Singapore, the sentence imposed was not excessive

P P v Ang Soon Huat [1990]: Drug trafficking. The computer printouts of the results of the scientific tests were real evidence and not hearsay evidence. The computers in the scientific instruments not only recorded but also processed and calculated the information fed into them and oral evidence had been given in regard to those matters.

Gimpex Ltd v Unity Holdings Business Ltd [2015]: The Sucofindo Report was nonetheless admissible under s 32(1)(b)(iv) of the Evidence Act as a document that was compiled by a person acting in the ordinary course of a trade, business, profession or occupation based on information supplied by other persons. Section 32(1)(b)(iv) did not require the person who prepared the document to have personal knowledge of the information contained therein. In exercising its discretion to exclude admissible hearsay evidence pursuant to s32(3) of the Evidence Act, the issue at hand was whether admissible evidence should be excluded because other countervailing factors outweighed the benefit of having the evidence admitted. There were serious issues concerning the reliability of the Sucofindo Report. The defendant failed to produce evidence that sufficiently assured the court that there was a minimal degree of reliability in the Sucofindo Report. It was thus in the interest of justice not to admit the Sucofindo Report

Contradictory		
General Cybersecurity Threat: s 19	Severe Cybersecurity Threat: s 20	Critical Cybersecurity Threat: s 23
Object	<ul style="list-style-type: none"> • assess (potential) threat of significant harm being caused, or risk of disruption to, CII or provision of "essential service" • prevent any/further harm • prevent further threat/satisfies 'severity' threshold 	<ul style="list-style-type: none"> serious and imminent threat to essential service, national security, defence, foreign relations, economy, public health, public safety, public order
Computer System Targeted	any computer/system	essential service, national security, defence, foreign relations, economy, public health, public safety, public order
Information	interview any person, produce any information, copy any record, examine any acquainted person	<ul style="list-style-type: none"> (as previous) • require any person to provide any information – including design, configuration, operation, cybersecurity, decryption information • provided with any information including real time • report of breach/attempts
Action	<ul style="list-style-type: none"> • direct any person to carry out remedial measures, or cease action • owner to take any action to assist in investigation • enter premises after giving reasonable notice • assess, inspect computer/system and check/search any data • get assistance from any person • scan for vulnerabilities • take/extract any affected record/program • take possession of any computer/equipment for further examination (even without consent) 	<ul style="list-style-type: none"> • take such measures as may be necessary • power to access computer
Exemption	no breach if done with reasonable care and in good faith (no breach for information subject to right, privilege, immunity, other privilege, contract, rules of conduct)	no breach if done with reasonable care and not wilful mistreatment
Immunity	no breach of any contractual obligation for act done/omitted to be done with reasonable care and in good faith and for answering any question	<ul style="list-style-type: none"> • no liability for act in compliance with s 23 • no breach of legal, contractual or professional restriction
Offence	wilfully misstates or without reasonable excuse refuses to give reasonable excuse refuses to give any information or comply with any information or comply with Magistrate's order: \$5,000 or 6 months jail or both	<ul style="list-style-type: none"> without reasonable excuse fails to take any measure or comply with any requirement, or obstructs a specified person or fails to comply with any direction: \$50,000 or 10 years jail or both

"business entity" means - (a) a corporation as defined in section 4(1) of the Companies Act (Cap 50); (b) an unincorporated association; (c) a partnership; or (d) a limited liability partnership registered under the Limited Liability Partnership Act

"computer system" means an arrangement of interconnected computers that is designed to perform one or more specific functions, and includes - (a) an information technology system; and (b) an operation technology system such as an industrial control system, a programmable logic controller, a supervisory control and data acquisition system, or a distributed control system

"critical information infrastructure" means a computer or a computer system in respect of which a designation under sect 7(1) is in effect that state - (a) the computer or computer system continues to be available and operational; (b) the integrity of the computer or computer system is maintained; and (c) the integrity and confidentiality of info stored in, processed by or transmitted through the computer is maintained

"cybersecurity incident" means an act or activity carried out without lawful authority on or through a computer or computer system that jeopardises or adversely affects its cybersecurity or cybersecurity of another computer or computer system;

"cybersecurity program" means any computer program designed for, or purported to be designed for, ensuring or enhancing the cybersecurity of a computer or computer system;

"cybersecurity service" means a service provided by a person for reward that is intended primarily for or aimed at ensuring or safeguarding the cybersecurity of a computer or computer system belonging to another person (A), and includes the following: (a) to (k)

"cybersecurity threat" means an act or activity (whether known or suspected) carried out on or through a computer or computer system that may imminently jeopardise or affect adversely, without lawful authority, the cybersecurity of that or another computer or computer system

"cybersecurity vulnerability" any vulnerability in a computer or computer system that can be exploited by one or more cybersecurity threats;

"essential service" means any service essential to the national security, defence, or foreign relations, economy, public health, public safety or public order of Singapore, and specified in the First Schedule;

"owner", in relation to CII, means the legal owner of the CII and, where the CII is jointly owned by more than one person, includes every joint owner

2 - (2) A person does not provide a cybersecurity service only because the person - (a) sells, or sells licences for, cybersecurity programs intended to be installed by a user without the assistance of the seller for the protection of the cybersecurity of a user's computer; or (b) provides services for the management of a computer network or computer system, that are aimed at ensuring the availability of or enhancing the performance of the computer network or computer system.

Interpretation of PDPA

for purposes of gaining or maintaining employment, or for purposes of gain, or to adjudicate on a regular, continuous or continuous basis, but does not include an individual acting in his personal capacity

business

business contact information

business entity

business organisation

business contact information

business organisation

