

# Panel

## A Trusted Cloud - Strengthening Trust in online services

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# Laws & regulations affecting security

- Very relevant to trust

# To be adopted this year...?

- Network & Information Systems Security Directive ( NISD )
- Security obligations + breach notification obligations + penalties for infringement
- **All data**, not just personal data

# NISD obligations

- Operators of “essential services”
  - banks, healthcare, utilities, transport, digital infrastructure
  
- “Digital service providers”
  - lighter obligations

# Relevance to cloud ?

- DSPs

- includes **any cloud computing service**

- SaaS as well as IaaS / PaaS

- Operators of essential services

- if third party DSP relied on to provide essential service - notify incident affecting DSP with “significant impact” on continuity

# Holistic approach to laws on security ?

- Justifiable trust vs. false sense of security ?
  - eg laws requiring data localisation vs encryption
- Compliance - consistency, coherence
  - eg both NISD & GDPR ?
- Software developers, hardware manufacturers
  - no NISD obligations – gap ?
  - reluctance to patch / update & HP research
- Lack of technology-neutrality, eg web hosting
- Research – evidence-based lawmaking ( eg breach notification laws ); security research

# Thank you!

## Dr Kuan Hon

*Half lawyer | half geek | mostly harmless*

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