



Australian Government



TAX
PRACTITIONERS
BOARD

Cyber security 101 – stay secure online!

Presented by:

Daniel Tripovich, Australian Signals Directorate

Welcome

'In the spirit of reconciliation, we respectfully acknowledge the Traditional Owners and Custodians of country throughout Australia and their connections to land, sea and community. We pay our respect to their cultures, and Elders past, present and emerging.'

Access the presentation slides: tpb.gov.au/webinar-hub

What we will cover today

- ✓ The Code of Professional Conduct
- ✓ IT controls
- ✓ Standards, technical advice, and research
- ✓ Project REDSPICE
- ✓ Threat environment
- ✓ Cyber risks and issues
- ✓ Q&A

Code item 6

You must not disclose any information relating to a client's affairs to a third party unless you have:

- obtained the client's permission; or*
- there is a legal duty to do so.*



Code item 7

You must ensure that a tax practitioner service that you provide, or that is provided on your behalf, is provided competently.



IT controls



- Ensure your passwords are strong and secure.
- Remove system access from people who no longer need it.
- Ensure all devices have the latest available security updates.
- Secure your wireless network and be careful when using public ones.
- Be vigilant about what you share on social media.
- Monitor your accounts for unusual activity or transactions.



Australian Government
Australian Signals Directorate

ACSC Australian
Cyber Security
Centre

Cyber Security 101

Stay Secure Online!

Daniel Tripovich

Assistant Director-General Standards, Technical Advice & Research

Australian Signals Directorate



Overview

- Cyber security is important
- Resilient national cyber ecosystem is fundamental to success.
- ASD is a partner to support you being effective.
- Eat your cyber veggies.....



Standards, Technical Advice, and Research

Cutting edge cybersecurity research and communication innovation.



Foster and lead improvements in cryptography, emerging technology, and cyber security innovation through international standards.



Partner with industry, academia and government to build and run emerging tech research labs.



Build the raise train and sustain pathways to build more comms, advisors and researchers for the mission.



Project REDSPICE

Through REDSPICE, we will expand the range and sophistication of our intelligence, offensive and defensive cyber capabilities, and build on our already-strong enabling foundations.



RESILIENCE

EFFECTS

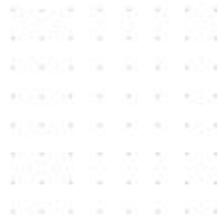
DEFENCE

SPACE

INTELLIGENCE

CYBER

ENABLERS



3X current offensive cyber capability



2X

persistent cyber-hunt activities



Advanced AI, machine learning and cloud technology

4X global footprint

1900 new analyst, technologist, corporate, and enabling roles across Australia and the world

40% staff located outside Canberra



Things that keep Dan up at night....

(Other than my three kids!)

Me when I first started my job:



Me now:



Threat Environment

- 2021/2022 financial year = 76,000 cybercrimes reported to ACSC.
- 13% increase from previous financial year!
- 1 call to the ACSC every 7 minutes
- Vulnerabilities are weaponized in ~48 hours from public disclosure
- ASD uses our unique intelligence insights to write our publications.



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AI / ML



Cyber Security as a Business Risk

All of these
give me a
headache and
heartburn.....
But are
opportunities for
good!



Supply Chain



Secure by Design and
Default

Let's do this better!

Essential
Eight

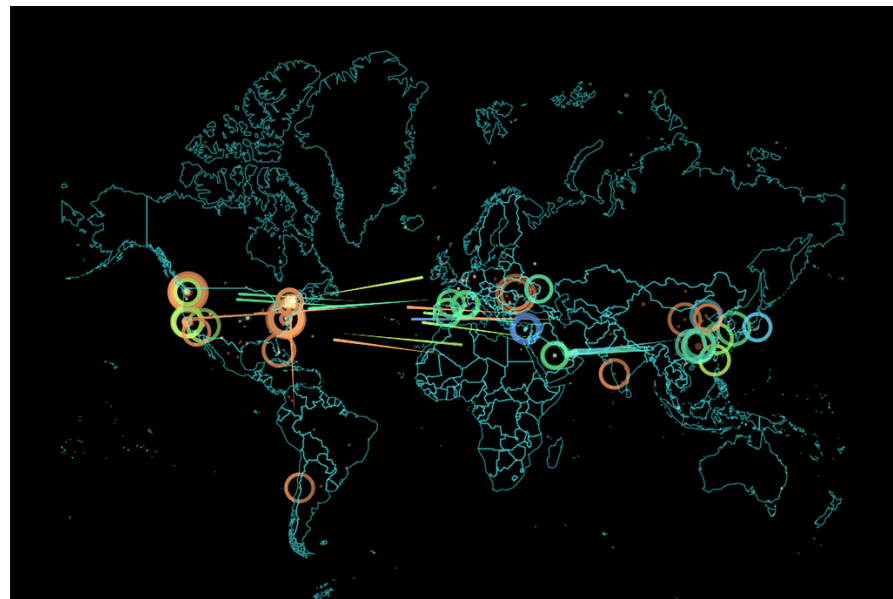
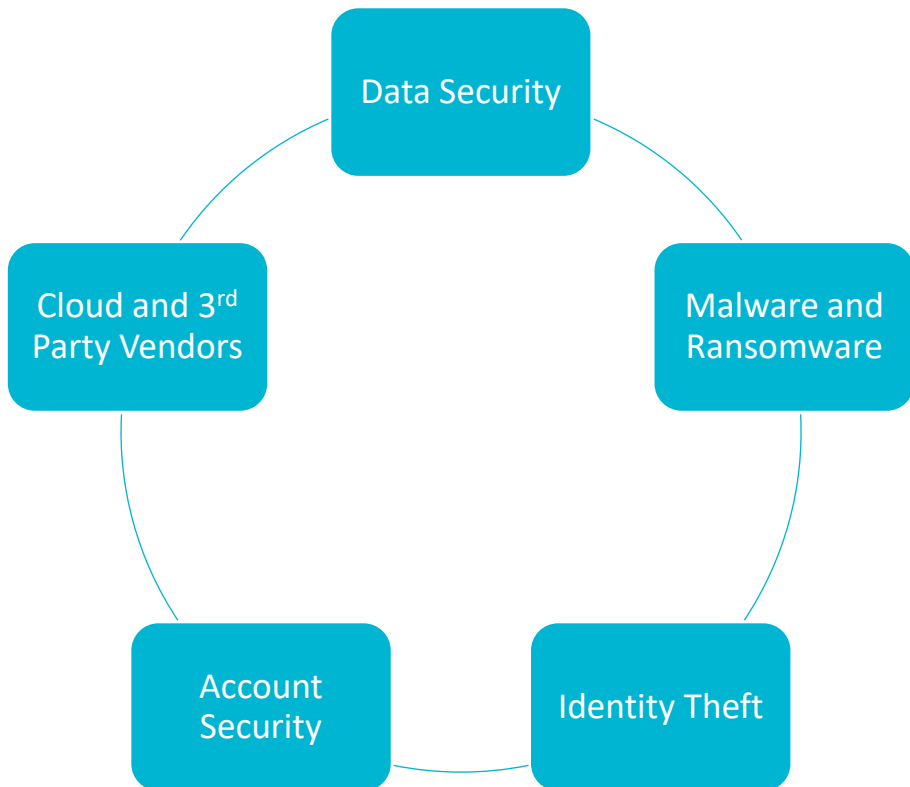
Joint
Awareness
Publications

Partnership
Program

Exercise in a
Box



Cyber Risks and Issues





**Thank You &
please join the ACSC
Partnership Program!**

P.S. Do the Essential Eight.....



Questions

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(Sydney time)

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