

Unclassified



AFP
AUSTRALIAN FEDERAL POLICE

POLICING FOR
A SAFER AUSTRALIA

Unclassified



POLICING FOR A SAFER AUSTRALIA



Unclassified

Cybersecurity and the Darknet

Federal Agent James Braithwaite

AFP Cyber Crime Operations



Unclassified

AFP Cyber Crime Operations

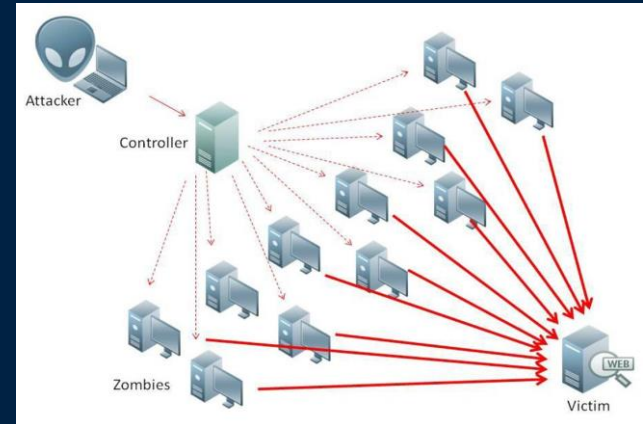
- Dedicated teams in Canberra, Sydney and Melbourne
- Embedded in the Australian Cyber Security Centre and its regional offices
- Cybercrime Liaison Officers in London and Washington
- Focus computer intrusions, hacktivism, extortion and illicit markets.



Threat Environment

- Ransomware
- Credential-Harvesting Malware
- Business Email Compromise
- DDoS Attacks

NO MORE RANSOM!



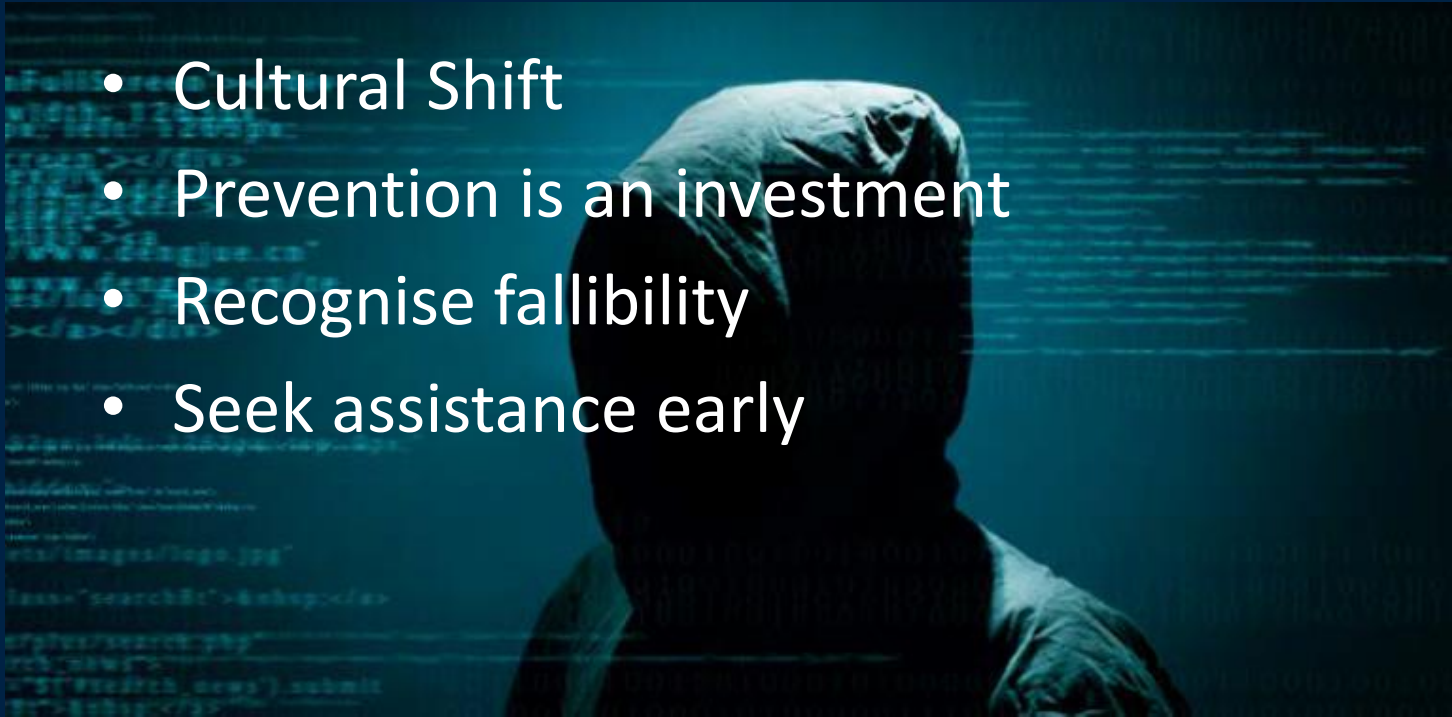
Threat Environment

- Threats associated with outsourcing and supply chains
- Internet of things



Navigating the threat environment

- Cultural Shift
- Prevention is an investment
- Recognise fallibility
- Seek assistance early



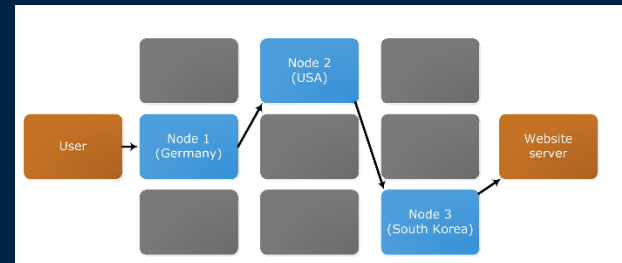
The Dark Web



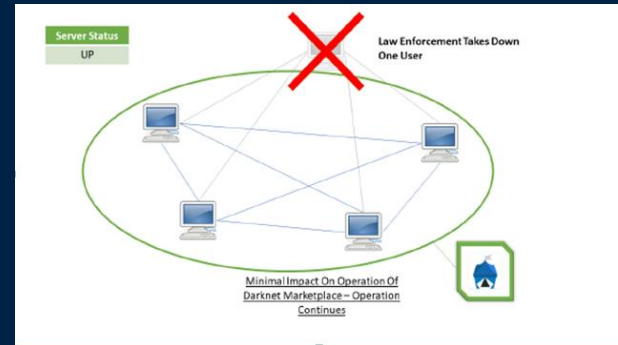
Cybercrime as a Service



TOR Network

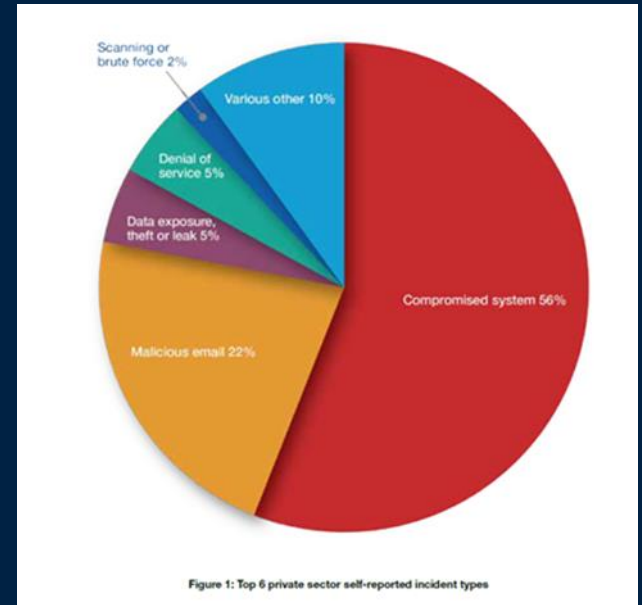


Peer to Peer Darknet Marketplaces



Support and Information

- Australian Law Enforcement
- Australian Cyber Security Centre
- Joint Cyber Security Centres



Essential 8

- Application whitelisting of approved/trusted programs
- Patch applications
- Patch operating systems
- Configure Microsoft Office macro settings
- User application hardening
- Restrict administrative privileges
- Multi-factor authentication
- Daily backups



Unclassified



AFP
AUSTRALIAN FEDERAL POLICE

POLICING FOR
A SAFER AUSTRALIA

Unclassified