Invasion of Ukraine – Raised Cyber Threat

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What we will cover today

Why is there a increased cyber risk?

Expectations of the JFSC

What you can do to help protect your organisation

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Why is there a increased cyber risk?

- Nation state action
- Hybrid warfare
- Disinformation
- Hacktivist response
- Linked cyber crime
- Changing geopolitical landscape

Malware Deployed in Ukraine – year to date

WhisperGate Wiper - https://lnkd.in/etEHubvR

Trojan.KillDisk - https://lnkd.in/gE9Ftr9Z

Hermetic Wiper - https://lnkd.in/dPcgdUYd

Conti Ransomware - https://lnkd.in/eB3CA626

Sandworm - https://lnkd.in/dDQ6P_wT

What can you do – Cyber Hygiene

- Use Standard & Frameworks to guide & assess your controls
  - ISO27001/2, NCSC Common Assurance Framework, NIST SP-500, CyberEssentials Plus

- Patch systems rapidly and completely (including firmware), support with WAF

- DDoS mitigation for client facing systems (e.g. cloud services)

- Multi-factor authentication (at work and at home)

- Secure highly privileged accounts

- Regular employee training and awareness

- Maintain segregated, secure backups

- Test data restores & failover (inc. systems & infrastructure config)

- Test incident responses against realistic worst-case scenarios

- Follow guidance from NCSC on actions to take when the threat level is heightened.

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Expectations of the JFSC

- Cyber risk management: -
  - Understand your risk
  - Implement appropriate controls
  - Test controls
  - Awareness (threat intelligence)
  - Keep risk assessments up to date

- Reporting and transparency

What can you do – Awareness and alerting

- NCSC Active Cyber Defence: -
  - Early Warning System

- NCSC Cyber Information Sharing Portal (CiSP)

- CERT.JE
  - Social media
  - Newsletter

NCSC Tools – How to sign up

- Active Cyber Defence – https://acdhub.service.ncsc.gov.uk/

- CiSP - https://www.ncsc.gov.uk/section/keep-up-to-date/cisp-organisation

- CERT.JE - https://www.getrevue.co/profile/CERTJersey

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Questions?

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Thank you

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