Enabling Priorities

Cybersecurity four-year plan

Program of works to increase Council's cyber security resilience

Information Management
Sonjoy Ghosh

CITY OF ADELAIDE

Cybersecurity mission

To support CoA's strategic objective by securely enabling its initiatives and operations while protecting it from threats to the availability, integrity and confidentiality of systems and data protecting it from threats.

We will do this by establishing 4 key pillars:

Govern	Protect	Detect	Respond & Recover
• Maintain and Review our Strategies • Consult with stakeholders • Oversight on major initiatives • Monitor key risks & metrics • Ensure we resource appropriately	• Secure our network perimeter • Harden our devices and end points • Mitigate phishing attacks • Control identity and Access • Build Awareness & Education	• Seek external threat intelligence • Monitor for anomalies • Monitor systems, end points and access • Data loss prevention	• Automate response and recovery where possible • Analyse incidents • Communicate, • Practice recovery

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How we will be doing this

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- ✓ Benchmark against Essential 8
- LGITSA Cybersecurity Framework
  - Data Identification and classification of Personal Identifiable Information (PII) @ CoA
- Implement regular internal and independent cyber security testing and auditing
  - i.e. phishing attacks
- Review and reduce PCI CDE scope
- Establish Cyber security KPIs

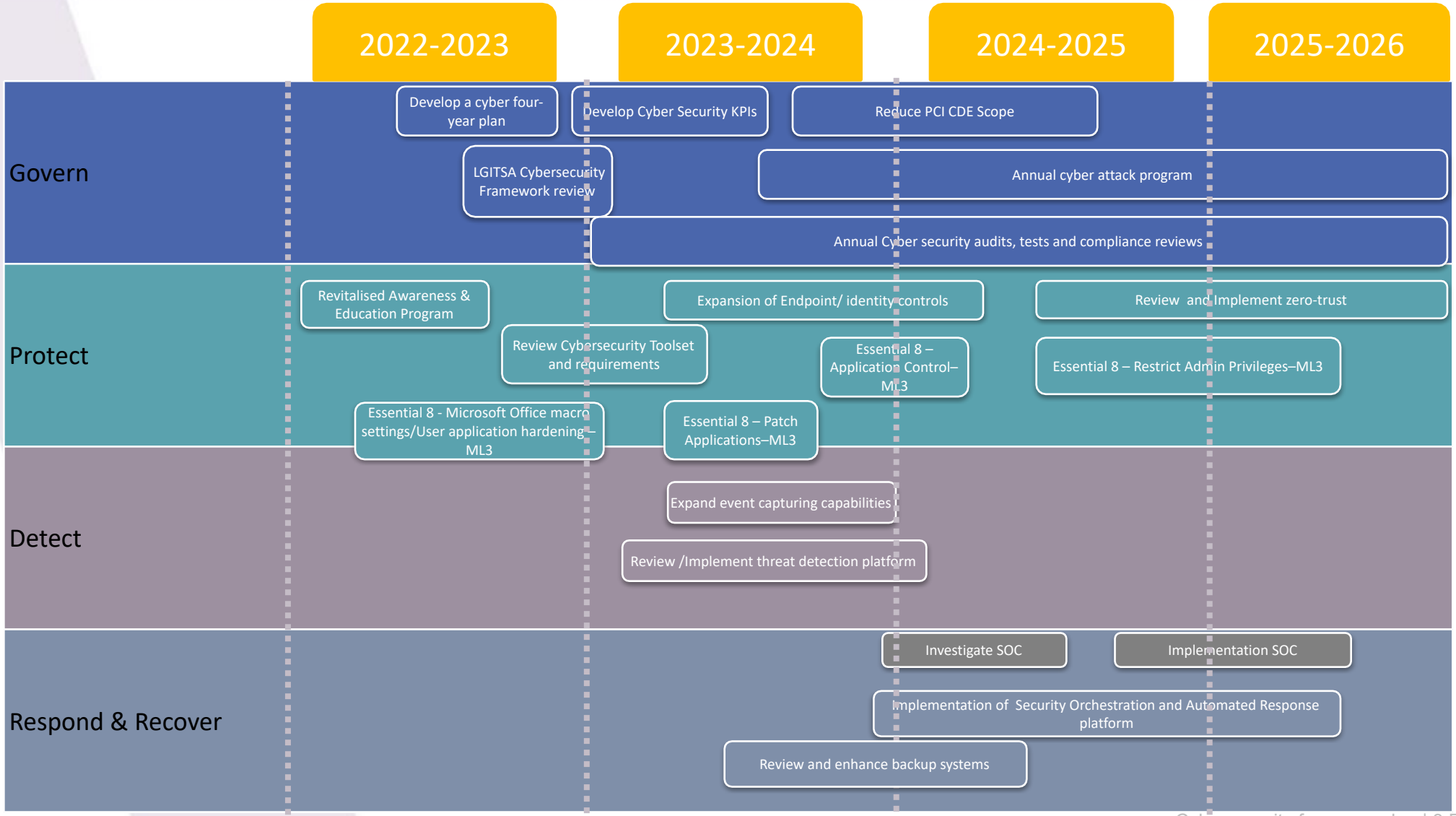
- Update and revitalise Awareness & Education Program
- Phishing Simulation
- Review and implement Cybersecurity toolsets that enable:
  - Endpoint/identity controls
- Complete Essential 8 maturity level 3 controls

- Expand event capture and analysis capabilities
- Review and implement Cybersecurity toolsets that enable:
  - Network Threat Analytics
  - Threat Intelligence

- Review and implement Cybersecurity toolsets that enable:
  - Security Orchestration, Automation & Response (SOAR)
- Annual cyber attack program

Investigate cyber security operations centre (SOC)

When will we be doing this by



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Key next steps

- Continue to work through remediation activities in the program of work
- Review current capacity and capability and realign internal resources where appropriate
- Develop business case submissions for the provision of new capabilities:
  - Security Orchestration and Automated Response platform
  - Event capture
  - Zero-trust network
  - Annual cyber attack program

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