Essential Eight

Security Gap Analysis

Helping you asses organisational security control measures to reduce the threat of cyber-attacks.

What is the
ACSC Essential Eight?

The Australian Cyber Security Centre (ACSC) Essential Eight was developed to support organisations in **improving their cyber security posture** and enhance recovery times, by following eight essential strategies:

1. Application Control
2. Application Patching
3. Restrict Administrative Privileges
4. Patch Operating Systems
5. Configure Macro Settings in Microsoft Office
6. Harden user applications
7. Enable Multi-Factor Authentication
8. Regular Backups

What is the Essential Eight maturity model?

The Essential Eight maturity model is **designed to provide guidance** on implementing the ACSC's Essential Eight strategies. By utilising a scoring system from Level 0 to Level 3, organisations can identify their current security posture and recognise steps for improvement.

Maturity Level Zero - Vulnerabilities in an organisation's overall cyber security posture

Maturity Level One – Partly aligned with intent of mitigation strategy

Maturity Level Two – Mostly aligned with intent of mitigation strategy

Maturity Level Three – Fully aligned with intent of mitigation strategy

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Essential Eight Security Gap Analysis

Do you know whether your organisation is at risk?

As cyber risks continue to evolve in frequency, scale, and sophistication, putting critical systems and data at risk, the ACSC (Australian Cyber Security Centre) recommends that organisations implement their Essential Eight security guidelines as a baseline to mitigate cyber security breaches.

There is no single mitigation strategy that is guaranteed to prevent a cyber-attack or security incident due to differing operational models and risk profiles. However, proactively implementing the Eight Essential mitigation strategies as a baseline makes it harder for adversaries to compromise systems.

It's fair to say that most organisations – particularly those in government or at the enterprise level – are working towards best practice in their frameworks for establishing, testing and evolving IT security.

Identify gaps and improve your cyber security posture

Our Essential Eight Security Gap Analysis will assess your current security posture against the ACSC's Essential Eight and identify the gaps and risks within your organisation.

By gaining an understanding of your current environment and assessing potential risks, we develop a plan to enable compliance with security policies and maturity levels of Essential Eight controls across your organisation.

> Speak to us to find out how we can help you identify security gaps and minimise vulnerabilities within your organisation.

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The Eighty20 Approach

Our Essential Eight gap analysis approach provides assurance on effective organisational alignment with the eight essential controls to achieve a higher level of maturity.

True to our core business, we leverage people, process, and technology to provide an independent evaluation of risk and compliance aligned to the following Essential Eight controls:

- Patching of Application and Operating System
- Multifactor Authentication & Restricting Admin Privileges
- Application Control
- User Application Hardening & Office Macros
- Backups

Assess

Conduct workshops to gain an understanding of:
- Current environment and security controls
- Maturity level for each pillar in the framework
- What is required to improve maturity

Plan

Create a delivery plan for an adoption and transition of increased security controls and processes to improve the Essential 8

(Estimated timeline)

Remediate

Present improvement plan to stakeholders and discuss next steps to address gaps and improve security posture and Essential Eight maturity.

EIGHTY20
SOLUTIONS