

# 12 Step Plan to Protect Against Ransomware



There's no magic bullet when it comes to ransomware protection.

But through a blend of technology, diligence, analysis, education, and behaviour, you can significantly reduce the risk and mitigate the impact of an attack.

- 1** **Secure your back-ups**  
93% of all intrusions are aimed backups, so it's vital to have bulletproof back-up protection.
- 2** **Update and patch your software**  
Delaying your security updates? Then you're at higher risk of breach and data loss.
- 3** **Deploy rapid detection and response solutions**  
The need for speed is vital for mitigating the impact of an attack. Consider AI-driven cloud solutions like Microsoft's 365 Defender and Sentinel.
- 4** **Use robust data loss prevention (DLP) solutions**  
60% of businesses go bust within 6 months of a data breach. Ensure you have an effective DLP solution.
- 5** **Enforce strict access controls**  
Enable solutions and policies that manage user privileges and permissions. Ensure users only have access to the resources they need.
- 6** **Adopt robust multi-factor authentication (MFA)**  
99% Effective MFA adds an extra layer of access security and can block 99% of account compromise attacks.
- 7** **Protect your mobiles and other endpoints**  
Endpoint ransomware detections increased by 627% in 2022. Making endpoint and mobile threat defence an absolute must.
- 8** **Improve security training and awareness**  
82% Whether through malice or mistake, 82% of data breaches come from human action. Foster a security-centric culture and provide regular training and awareness.
- 9** **Create a Zero Trust mindset**  
Never trust, always verify. Enabling a Zero Trust security position can reduce the cost of a data breach by \$1.76 million.
- 10** **Control cloud apps and shadow IT**  
40% of organisations experienced a cloud-breach last year. Get better visibility and control over cloud apps and shadow IT, and reduce your risk.
- 11** **Secure your Wi-Fi connection**  
Consider Wi-Fi services that offer robust intrusion detection and prevention, network segmentation, and policy enforcement to protect sensitive data and connected devices.
- 12** **Regular security posture checks**  
Periodic assessments provide visibility over your security posture, helping you identify and analyse risks, and prioritise critical fixes.

**Did you know?**  
The global cost of a ransomware attack equates to **\$30,051 per minute.**  
(Microsoft)



Get in touch with our team for more information or to enquire about a security posture assessment for your organisation.