Achieving Essential Eight Compliance with BeyondTrust

For cybersecurity teams looking to strengthen their organisation's defences and align to the requirements of the Australian Cyber Security Centre's (ACSC's) Essential Eight, Privileged Access Management (PAM) solutions are unmatched – including those from BeyondTrust.

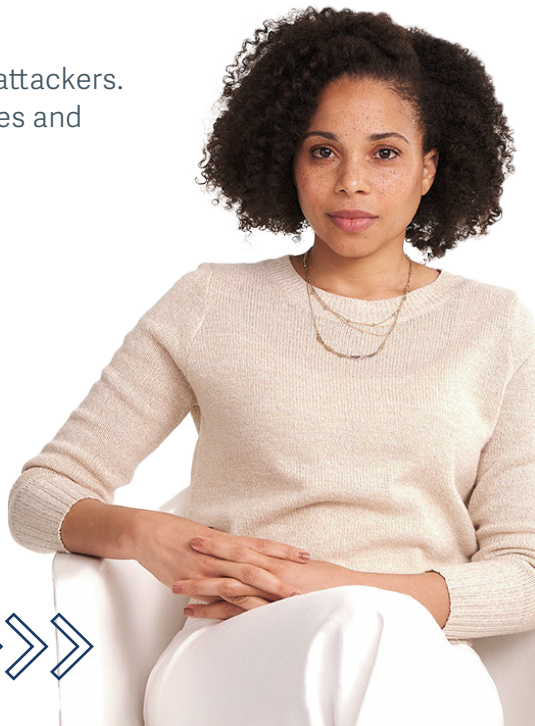
Application control, together with properly secured privileged accounts and access, plays a significant role in mitigating the risks associated with many of today's most common threats. BeyondTrust's market-leading PAM solutions enable these capabilities and more, aligning your organisation's security posture closely to the demands of the Essential Eight Maturity Model.

Application Control with Privileged Access Management

Many organisations have struggled to effectively implement true application control, a core component of modern malware defence and Essential Eight requirements. Exception handling poses a notable challenge to many organisations. Application control often is disabled to create an exception, rather than utilising dynamic exception controls to shrink the attack surface.

Also critical to the Essential Eight are the capabilities to identify and remediate identity security threats across your user base in real-time. Bringing at-risk accounts and privileges under control significantly elevates your cyber posture within the guidance of the Essential Eight.

Application control alone will not provide appropriate defences against attackers. The Essential Eight also requires organisations to restrict admin privileges and implement user application hardening. These are all capabilities enabled by BeyondTrust.



Application Control

Prevent malicious code from running on systems, application control ensures that only approved applications can be executed.

With BeyondTrust, assign just-in-time privileges only to approved applications, scripts, tasks, and commands.

Restrict Administrative Privileges

Limit access to operating systems and applications using the concept of least privilege while continuously revalidating privileges.

Use BeyondTrust to remove local admin rights starting on day one—and without impacting user productivity. Implement secure access control, auditing, and alerting over all privileged activities.

Patch Applications

Patch or mitigate applications with "extreme risk" vulnerabilities within 48 hours.

With BeyondTrust, you can create policies to block easily compromised applications, applications behind on patching, or applications on End-of-Life or End-of-Support.

Patch Operating Systems

Patch or mitigate system and device vulnerabilities (including network devices) within 48 hours.

BeyondTrust provides advanced reporting on application versions being run, highlighting any vulnerability risks across your environment

Configure Microsoft Office Macro Settings

Macros can contain malicious code that, when executed, provides attackers with access to sensitive information.

Many organisations rely heavily on macros for business processes. BeyondTrust delivers controls designed to mitigate the risks of malicious macro deployment, lateral movement, and unauthorised privileged activities.

Multi-Factor Authentication

Multi-factor authentication (MFA) is used to authenticate privileged users of systems or for all users when they perform a privileged action.

BeyondTrust Privileged Access Management solutions integrate with trusted MFA solutions, enabling robust security at the point of access and beyond.

User Application Hardening

Focusing primarily on web applications, application hardening is designed to limit the capabilities of malicious content looking to evade application control.

BeyondTrust solutions swiftly block the execution of child processes, code injections into other processes, and the creation of executable content across your infrastructure.

Regular Backups

Backup critical data, systems, and configs daily and retain for an appropriate length of time – a minimum of 3 months is recommended.

BeyondTrust solutions ensure access to data backups complies with the requirements of your targeted Essential Eight maturity level.

Ready to learn more? Get more information on how BeyondTrust can help your organisation achieve Essential Eight compliance. **Visit our website.**
