



Need to comply with the ACSC Essential Eight?

Microsoft Security has you covered!

The following capabilities can be employed to help Agencies meet Essential Eight requirements.

Note: bold emphasis indicates a product that can be licensed while standard text reflects features of a product. All product names are hyperlinks to more information.

Application control

- **Microsoft Defender for Servers**
(Adaptive Application Control)
- **Microsoft Defender for Endpoint**
(Application Control, AppLocker)
- **Microsoft Endpoint Manager**

Patch applications

- **Microsoft Defender for Endpoint**
(Attack Surface Reduction, Exploit Protection, Threat and Vulnerability Management)
- **Microsoft Endpoint Manager**

Configure Office macro settings

- **Microsoft Defender for Endpoint**
(Attack Surface Reduction, AppGuard for Office, Antimalware Scan Interface)
- **Microsoft Defender for Office 365**
- **Microsoft 365 Apps for Enterprise**

User application hardening

- **Microsoft Defender for Endpoint**
(Attack Surface Reduction, AppGuard for Edge)
- **Microsoft 365 Apps for Enterprise**
- Microsoft Edge

Restrict administrative privileges

- **Microsoft Defender for Servers**
- **Azure Bastion**
- **Azure AD Premium**
(Conditional Access, Privileged Identity Management, Entitlement Management, Access Reviews)
- **Microsoft Defender for Endpoint**
(User Account Control, Credential Guard)
- **Microsoft Defender for Identity**
- **Microsoft Defender for Cloud Apps**
- Local Administrator Password Solution
- Privileged Access Workstation

Patch operating systems

- **Microsoft Defender for Servers**
- **Microsoft Defender for Endpoint**
(Attack Surface Reduction, Exploit Protection, Threat and Vulnerability Management)
- **Microsoft Endpoint Manager**
- **Azure Update Management**

Multi-factor authentication

- **Azure AD Premium**
(Conditional Access, MFA)
- Windows Hello for Business
- FIDO2 Authentication
- **Microsoft Defender for Identity**
- **Microsoft Defender for Cloud Apps**

Regular backups

- **Microsoft Endpoint Manager**
(Autopilot)
- **OneDrive for Business**
- **Azure Backup**
- Microsoft 365 Retention Policies
- Office 365 Service Architecture

Monitoring and reporting:

Microsoft Sentinel Connectors for Azure AD, Azure AD Identity Protection, Azure Activity, Microsoft Defender for Cloud, Microsoft 365 Defender, Office 365, Security Events

Compliance Manager Premium Assessments for ASD Essential 8 Maturity Level 1, 2 and 3

Other tools: Microsoft Defender for Cloud Microsoft 365 Defender Power BI

For more information on these capabilities talk to your Microsoft Account Team, review our detailed whitepaper available from <https://aka.ms/ausec/e8wagov>, or contact your local Microsoft Certified Partner.

Additional Resources:

Microsoft Essential Eight Guidelines - <https://www.microsoft.com/en-au/business/topic/security/essential-eight/>

ACSC Essential Eight - <https://www.cyber.gov.au/acsc/view-all-content/essential-eight>

Digital Transformation Agency Protected Blueprint - <https://desktop.gov.au/blueprint/index.html>

PROTECTED Blueprint for Azure - <https://docs.microsoft.com/en-au/azure/governance/blueprints/samples/ism-protected/>