

## I. Awareness Training

### *Free / Low Cost*

[HHS Security Awareness and Training](#)- HHS offers interactive cybersecurity awareness training, role based training and supplemental documentation.

[ESET Cybersecurity Awareness Training](#)- ESET offers a free version of their training course that covers basic awareness training and best practices for remote employees upon registration.

[Texas DIR Cybersecurity Awareness Training](#)- This video is a certified cybersecurity training program conducted by the Texas Department of Information Resources for individuals who need to meet the Texas Government Code 2054.5191 or 2054.5192.

[CDSE Cybersecurity Training](#)- CDSE offers various resources including eLearning, training videos, posters, and games.

[Wiser Security Awareness Training](#)- Wiser offers various resource including training including videos, quizzes, employee progress reports and certificates upon registration.

### *Mid-level*

[ESET Cybersecurity Awareness Training](#)- This training course offers awareness training, best practices for remote employees, helping meet compliance requirements (HIPAA, PCI, SOX, GDPR, CCPA), certifications etc. Pricing varies based on the organization size.

### *Premium*

[KnowBe4](#)- Offers various tiers of training, their higher tier offering services such as services such as AI-driven phishing. Pricing varies based on the organization size.

## II. Cyber Policies

### *Free / Low Cost*

[SANS Security Policy Templates](#)- SANS offers a set of security policy templates free to use and customize for organization needs.

[NIST Cybersecurity Framework Policy Template Guide](#)- NIST offers templates that can be customized and used to outline an organization's policy.

### *Premium*

[ISO/IEC 27001](#)- Is the international standard for information security management.

## III. AV/AM Solutions

### *Free / Low Cost*

[Windows Defender Antivirus](#) - For organizations who use Windows OS, this option is built in and free, offering basic protection.

[AVG Free](#)

[Avast Free](#)

[ClamAv](#)- Linux compatible.

### *Mid-level*

[Microsoft 365 for business](#)- Security solution designed for small to medium sized businesses (up to 300 employees). This option may be cost effective for businesses that already use Microsoft products in their daily operations. Pricing varies based on the number of employees in the organization.

### *Premium*

[Norton Small Business Plan](#)- This security solution offers device security as well as unique services such as VPN, business financial monitoring, and social media monitoring. Supporting up to 10 employees. Pricing varies based on the number of employees in the organization.

[Avast Business Solutions](#)- Avast offers three tiers in their business solutions line. The most inclusive package offers services such as patch management, USB protection and personal VPN. Pricing varies based on the number of employees in the organization.

[Avast \(Linux\)](#)

[Bitdefender Ultimate Small Business Security](#) – Pricing varies based on the number of employees in the organization.

[eset small - midsized business plan](#) - Eset offers various packages dependent on your business' size and security needs. Pricing ranges based on the number of devices in your organization and the type of protection plan you choose.

[eset \(linux endpoint\)](#)

#### IV. Software Updates

*Free / Low Cost*

[Windows Server Update Service \(WSUS\)](#) - This service, free with Windows license, allows for admins to manage and distribute Microsoft updates.

[Windows Update for Business](#) – Free service that is available for Windows 10 and 11 (Pro, Education, and Enterprise). Allowing admins to keep the organization's clients up to date.

*Mid-Level*

[ninjaOne](#)- This service offers automated endpoint management. Pricing varies.

*Premium*

[Azure Update Manager](#)- Facilitates with managing updates across all machines using Windows OS and Linux OS.

[SysAid](#)- Offers features that address software management, patch management, inventory management etc. according to custom policies.

#### V. Secure Wi-Fi Networks

[CIA Securing Enterprise Wireless Networks Additional Resource](#)

*Free / Low Cost*

[Passwords](#)- Most network devices are pre-configured with default administrator passwords that are often made available online. It is necessary to change these passwords, the CISA offers guidance to how to create strong passwords. Consult your unique network device documentation for further instructions on how to implement these changes.

[Limiting Access](#) – All hardware that is connected to a network has a media access control (MAC) address. Access to the network can be restricted by filtering these MAC addresses. Consult your unique network device documentation for further instructions on how to implement these changes.

*Mid-range*

[Firewalls](#) \*Check under the firewall section to view suggested firewall solutions.

[Anti-virus](#) \*Check under the AV/AM section to view suggested anti-virus solutions.

[VPN](#)- This solution creates secure tunnels between unprotected Wi-Fi networks and the internet. Businesses who have remote employees should consider implementing a VPN.

## VI. Data Control

Data control includes items such as policies, processes, and technologies that contribute towards how an organization's data is accessed, used, secured, and maintained.

*Free / Low Cost*

[Data Flow Mapping](#)

[Data Retention Policy Template](#)

[Data Storage and Retention Sample](#)

Data Classification - [Data classification explained](#). (PCI, PII, PHI, and data classification levels)

## VII. Data Backup-

*Free / Low Cost*

[Additional Information on Data Backup types and Practices](#)

[Protecting Data from Ransomware and Other Data Loss Events](#)

*Mid-range*

### ***Cloud Based Solutions***

[OneDrive for Business](#)- Good option for businesses that utilize Microsoft 365 in their operations.

[Backblaze](#)- Offers an unlimited data plan option. (offers free trial)

[IDrive](#) – Offers various plans.

[Arqbackup](#)- Premium offers up to 5 computers.

[Egnyte](#)- Offers free trial.

### ***Internal Hard Disk Drives***

[Additional Information Regarding Hard Disk Drives](#)

Suggested options:

[Western Digital Internal Hard Drives \(HDD\)](#)

[SanDisk Internal \(SSD\)](#)

[Seagate Internal \(HDD\)](#)

[Seagate Internal \(SSD\)](#)

[Samsung Internal \(SSD\)](#)

### ***Removable Storage Media***

[Additional Information Regarding Removable Storage Media](#)

Suggested options:

*USB drives*

[SanDisk](#)

[Samsung](#)

*External Hard drives*

[Western Digital External HDD](#)

[Seagate external HDD](#)

## VIII. Multifactor Authentication (MFA)

[More Information on Multifactor Authentication](#)

*Free / Low Cost*

[Microsoft Authenticator](#)

[Google Authenticator](#)

[Cisco Duo](#) - (Free for 10 or fewer members)

*Mid-range*

[Cisco Duo Essentials, Advantage and Premier](#)- Authenticator apps generate a one-time code to verify the identity of the account being logged into. Cisco offers various tiers of their service.

*Premium*

[RSA SecureID](#) - Is a multifactor authentication solution that uses something a user knows (ex. password) and something they have (ex. hardware or software token) to verify the user's identity.

[Yubico](#) – Is a security key that combines hardware-based authentication with public key cryptography.

[Yubico \(Linux\)](#)

## IX. Implement a Firewall

Additional Resources:

[CIA Understanding Firewalls for Home and Small Office Use](#)

[Additional Documentation on Firewalls](#)

*Free / Low Cost*

[Windows Firewall](#)- Built into Windows operating systems.

*Mid-range*

[pfSense+](#)

[Fortinet NGFW](#)

[CISCO Meraki MX](#)

*Premium*

[Palo Alto Network Firewall](#)

[Cisco](#)

## X. Incident Response Plan

*Free / Low Cost*

[CIS Incident Response Policy Template](#)

[SANS Template](#)

[NIST SP Computer Security Incident Handling Guide](#)

[CISA Incident Response Plan \(IRP\) Basics](#)

[NASA Privacy Incident Response and Management](#)

[SANS Incident Response Cycle](#)

[HHS Cybersecurity Incident Response Plan Slides](#)