KnowBe4 527 Crosswalk

(A) CORE REQUIREMENTS: Agencies shall provide cybersecurity awareness training that meets or exceeds all of the core requirements identified here in section A. Any cybersecurity training shall cover the following knowledge areas at a minimum. The specific names of the courses could be different or be combined in other courses depending on the training solution that is chosen, but the knowledge areas below shall be adequately covered.

Core Requirements Knowledge Areas

- **Identifying and Reporting Security Incidents** - Prevention and detection of information security incidents, including those caused by malicious code.
    - Security Snapshots #15 - Reporting Incidents
    - Reporting Security Incidents by MediaPRO
    - Data Breaches and You by SAC - 4 min
    - See Something, Say Something by SAC

- **Proper disposal of Data Storage Media -**Ensures that retired devices and media have their contents securely removed, destroyed, or overwritten so that it is extremely difficult or impossible to later retrieve data.
    - Security Snapshots #11 - Portable Storage Devices - 2 minutes by Twist & Shout
    - Voice on Security: USB Drop- 3 min by SAC
    - USB Attacks- 2min by exploqii

- **Proper Use of Encryption** This knowledge area explains what encryption is and how an encryption key works to encrypt and decrypt information.
    - Understanding Encryption by SAC
    - Email Encryption by exploqii
    - Smart Know-how Security by exploqii

- **Access Controls/Secure Password** - Creating and changing passwords and the need to keep them confidential.
    - Password Game Show Trivia Game by SAC
    - Creating Strong Passwords - Security Awareness Training by KnowBe4
    - Eight Ways to Strengthen and Secure Your Passwords Today! by KnowBe4
    - Protecting Passwords and Accounts by Media PRO

- **Working Remotely–** Explains how employees can protect themselves by using secure network connections, managing laptop and device security, and following workplace policies to keep themselves and their organization safe.
    - Mobile Device Security Training Module KnowBe4 10 min
    - Executive Series: Mobile Device Security with Quiz Training Module KnowBe4 4 min
    - Executive Series: Mobile Device Security Video Module KnowBe4 3 min
    - Information Security on Mobile Devices with Quiz Training Module exploqii 5 min
    - Remote Work: Cyber and Physical Security Training Module 15 min
    - Remote Work: Keeping It Private Training Module El Pescador 15 min
    - Remote Work: Setting Everything Up Training Module El Pescador 15 min
    - Cyber Essentials Series: Working Remotely Training Module Popcorn 7 min
    - Taking Security Home: Working Remotely Training Module The Security Awareness Company (SAC) 10 min
    - Internet Security When You Work From Home Training Module KnowBe4 15 min
    - Remote Work Series by El Pescador (14 episodes):
        - Episode: 1 Best Practice
        - Episode: 2 Setting UP Devices
        - Episode3 Software Settings
        - Episode:4 Physical Security
        - Episode:5 Corporate vs. Personal
        - Episode:6 Secure Devices
        - Episode: 7 Internet Connections
        - Episode: 8 Social Engineering
        - Episode: 9 Public Places
        - Episode: 10 Policies and Proceed
        - Episode: 11 Holiday Season
        - Episode:12 Setting Up Everything Up
        - Episode: 13 Keeping it Private
        - Episode: 14 Cyber and Physical Security

- **Intellectual Property Rights -**Explains the different methods for protecting these rights of ownership based on their type.

    - **Under Diamond Level:**
        - Security Moments: Privileged User Access Management by Popcorn
        - Restricted Intelligence Season 1: Ep 02 - Browsing (Safe Surfing)
        - Cybersecurity Essentials by exploqii
        - Minimising Third-Party Risk by Popcorn
        - Ethics: Conflict of Interest by Popcorn

- **Under Compliance Plus- Your Organization has access to CMP- click here to learn more: [Compliance Plus Training Library Overview | KnowBe4]**
    - Intellectual Property by MediaPRO
    - Intellectual Property with Quiz by MediaPRO
    - Ethics and Code of Conduct: Handling Company Resources by KnowBe4

- **Security of Data -**Data security is the process of safeguarding digital information throughout its entire life cycle to protect it from corruption, theft, or unauthorized access. It covers everything—hardware,
    - Defining and Handling Sensitive Information Training Module KnowBe4 26 min
    - Defining Types of Sensitive Information Training Module KnowBe4 8 min
    - Handling and Sharing Sensitive Information Training Module KnowBe4 12 min
    - Legal Guidelines for Protecting Sensitive Information Training Module KnowBe4 10 min

- **Phishing and email-** This knowledge area cover key methods cyber attackers use to get people to click on the bait in an email message. It also identifies the primary clues that each person can use to detect phishing and how to safely check links in the email.
    - Phishing Foundations by SAC
    - Spot the Phish Game by SAC
    - How to Spot Phishing Scams by SAC
    - Phishing: Don't Get Reeled In by KnowBe4
    - Business Email Compromise: Not Just for Execs and Finance Anymore by KnowBe4- 4 min

- **Social Engineering** This knowledge area explains and illustrates different types of social engineering attacks and how people can detect and defend against them.
    - Social Engineering Micro-module by exploqii
    - Mobile Essentials: Social Engineering by exploqii
    - Micro-module - Social Engineering by KnowBe4
    - 2022 Social Engineering Red Flags by KnowBe4
    - 2023 Social Engineering Red Flags by KnowBe4

- **Least Privilege (IT role-based training) –** Explains the practice of limiting access rights for users to the bare minimum permissions they need to perform their work.
    - Privileged User Security Series: Secure Database Administration

- **Privileged Access** This knowledge area will discuss how privileged users can protect themselves and your organization, including proper use of privileged accounts, limiting the information they share, and how they can detect if a system is compromised.
    - Respecting Privileged Access by SAC
    - Your Role as a Privileged User by Media PRO
    - Security Moments: Privileged User Access Management by Popcorn

- **Insider Threat** This knowledge area will show how to reduce the likelihood of an insider threat attack by using strong organizational security practices
    - Insider Threats for End Users Training Module The Security Awareness Company (SAC) 10 min
    - Insider Threats for Executives and Managers Training Module The Security Awareness Company (SAC) 10 min
    - Security Snapshots #12 - Insider Threat Video Module Twist & Shout 2 min
    - The Inside Man: Season 1 Ep 04 Surprise (Document Disposal) Video Modules Twist & Shout- 10 min
    - The Inside Man: Season 2 Ep 05 Unlikely Bedfellows (Phishing) Video Modules Twist & Shout 10 min
    - The Inside Man: Season 3 Ep 06 Family Ties Video Modules Twist & Shout 10 min
    - Restricted Intelligence Season 5: Ep 02 Insider Threat - Besties (Insider Threat) Video Module Twist & Shout 5 min
    - Restricted Intelligence Season 2: Ep 07 - New Best Friend (Insider Threat) Video Module Twist & Shout 5 min
    - Executives Mitigating Insider Threats Video Module The Security Awareness Company (SAC) 5 min
    - Insider Threat Video Module exploqii 2 min

- **Cloud Services** This knowledge area will explain the use of cloud services risks to employees and show them how to safely use authorized Cloud providers in your organization.
    - Introduction to the Cloud by SAC
    - Staying Safe in the Cloud by KnowBe4 (MFM)
    - Cloud Services by exploqii
    - Security Snapshots #06 - Cloud Sharing by Twist & Shout
    - Privacy Edition Season 2: Ep 01 - Get Off My Cloud (Privacy and The Cloud) by Twist & Shout
- **Browsing Safely** This knowledge area, staying safe online, involves key security behaviors, such as safe browsing, recognizing signs of a security compromise, managing updates, looking for signs of encryption, and logging off websites to remove sensitive information.
    - Links and Attachments: Think Before You Click by KnowBe4
    - Understanding URLs by KnowBe4- 2 min
    - Safe Webbrowsing by exploqii- 2 min
    - 2023 Your Role: Internet Security and You - 17 min

- **Physical Security** This knowledge area will review how an organization protects its people, property or physical assets from actions and events that can cause losses or damages
    - Situational Awareness by SAC
    - Simple Security Habits by MediaPRO
    - Security Bytes: Physical Security by SAC
    - Physical Security: First Steps by El Pescador

- **Personal Identifiable Information (PII)** This knowledge area will explain what PII is and the extra steps employees must take to protect it and other types of confidential information. Examples include the use of encryption and personal email accounts, the sharing of sensitive information, using only authorized systems to store or process sensitive information, and securely disposing of sensitive data.
    - PII and You by SAC
    - Data Breaches and You by SAC
    - Handling Sensitive Information Securely, Part 1 by Knowbe4 (PII)
    - Security Bytes: PII by SAC
- **Privacy** This knowledge area provides a basic overview of privacy concepts, setting the stage for additional requirements or standards that apply specifically to your organization.
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- **Social Network** This knowledge area will review how users can manage the privacy and security settings for social networking applications; how to maintain a positive online reputation; keeping personal information personal and protecting your computer.
    - Social Media: Staying Secure in a Connected World by KnowBe4
    - Social Media by SAC
    - Social Media Guideline by exploqii
    - Information Security @ Social Media
- **Mobile Devices** How to safely use mobile apps and keep them updated to avoid security issues.
    - Security Snapshots #10 - Mobile Devices by Twist & Shout
    - Security Bytes: Mobile Security by SAC - 2 min
    - Mobile Device Security by Knowbe4
- **Malware** This knowledge area will explain what malware is, provides examples of commonly used malware, and covers misconceptions. It will also focus on key methods attackers use to deploy malware and how each of us can defend against them, such as keeping devices updated with current versions of software and security patches for protection and reporting any signs of infection as soon as possible.
    - Malware Foundations by SAC
    - Micro-module - Introduction to Ransomware y KnowBe4
    - Malware by Popcorn
- **Acceptable Use Policy**
    - Business Conduct Series: Acceptable Use Policy by Popcorn

C) Role-Based Training: Agencies shall provide appropriate cybersecurity training based on the assigned roles and responsibilities of individuals with specific security requirements

- **Developer**
  - Secure Application Development Series by SAC
    - ep-01 OWASP Top Ten Refresher
    - ep-02 Memory Management
    - ep-03 Password Hygiene
    - ep-04Protecting Source Code
    - ep-05 Data Hygiene
  - Privileged User Security Series: Secure Cloud Administration by KnowBe4
- **IT Role-Based**
  - Privileged User Security Series by KnowBe4
    - EP 01 Privileged Access
    - EP 02 Secure Windows Administration
    - EP 03 Secure Linux Administration
    - EP 04- Secure Database Administration
  - Privileged User Security Series: Secure Cloud Administration
- **Executive-Role Base**d - see below

(D) Regulatory Training: Agencies shall provide training for all regulatory or contractual requirements that affect IT users. Agencies need to decide the appropriate level of regulatory training that is required for its users.

- **Health Insurance Portability and Accountability Act (HIPAA)**. This knowledge area explains what Federal PII is and the steps people need to take to protect it.
  - Under Diamond
    - The What, Why, and How of HIPAA with Quiz
    - The What, Why, and How of HIPAA by SAC
    - Restricted Intelligence HIPPA Series
  - Under CMP
    - HIPAA: Business Associates by MediaPRO
    - HIPAA: Covered Entities by MediaPRO
    - HIPAA: Hybrid Entities by MediaPRO
    - HIPAA Compliance with Quiz by MediaPRO

- Criminal Justice Information Services (CJIS). This knowledge area explains those requirements, including authorized and unauthorized information sharing, data access, and how to avoid unsafe behaviors.
    - Criminal Justice Information Services Security Series by KnowBe4
    - Level 1 Training- 15 min
    - Level 2 Training- 14 min
    - Level 3 Training -23 min
    - Level 4 Training- 12 min

- **FERPA. The Family Educational Rights and Privacy Act,** also known as FERPA, is a federal law that protects the privacy of student education records. In this updated module, we review the rules and regulations all school faculty, staff, contractors, and student employees should follow when handling student information.
    - Under Diamond:
        - FERPA (Education) -9 minutes by SAC
        - Security Doc: FERPA
    - Under CMP
        - FERPA and HIPPA for Facility and Staff by KnowBe4
        - FERPA and HIPPA (k12) by KnowBe4
        - Protecting Privacy Under FERPA by MediaPRO

- **Payment Credit Card Information (PCI**). If your organization stores, transmits, or processes any cardholder data, it is required to follow PCI DSS. This knowledge area is built on and requires people to watch the Data Security module first as part of compliance training.
    - Under Diamond
        - Business Conduct Series by Popcorn Series
            - Ep-06 PCI DSS - Merchants-8 min
            - Ep-04 PCI DSS - Corporate Offices-10 min
            - Ep-03 PCI DSS - Retail Stores-8 min
        - Credit Card Security Part 1 by KnowBe4
        - Credit Card Security Part 2 by KnowBe4
        - PCI Simplified (25 min) by Knowbe4
        - Basics of Credit Card Security (18 min) by KnowBe4
        - Defining and Handling Sensitive Information by Knowbe4 (26 min)
        - Defining Types of Sensitive Information by Knowbe4 (8 min)
    - Under Compliance
        - Managing PCI DSS by MediaPRO
        - How To Handle Payment Card Data by MediaPRO
        - PCI Best Practices with Quiz by MediaPRO
        - PCI Tips for Handling Card Not Present Payments With Quiz by MediaPRO
        - PCI Tips for Handling Cards at the Point of Sale With Quiz by MediaPRO

- **Social Security Training (SSA).** The course explains the sensitivity of information and the operational programs of the Social Security Administration for those who will see or access SSA information.
    - Under Compliance Plus
        - Publication 1075: Safeguarding Federal Tax Information by KnowBe4

- **Personal Health Information (PHI)** This knowledge area describes the importance of PHI, how to identify PHI and why it is important to protect that information.
    - Introduction to Data Protection by MediaPRO
    - Defining and Handling Sensitive Information by KnowBe4
    - Handling Sensitive Information Securely, Part 2 by KnowBe4

- **Senior Leadership.** This knowledge area will cover important concepts, such as how to be secure when traveling, proper mobile device use and security, the most common indicators of targeted attacks, and how to set an example to help build a secure culture.
    - C-Level Phishing (5 min) by Pescador
    - Leading by Example: First Steps by El Pescador
    - Security Moments Series: The Big Phish by Popcorn
    - Executive Series by KnowBe4
        - Decision-Maker Email Threats
        - Secure Destruction of Sensitive Information
        - CEO Fraud
        - Ransomware and Bitcoin
        - Remote and Travel WiFi Dangers
        - Safe Web Browsing With Corporate Devices
        - Mobile Device Security
        - Social Media Precautions for Executives
        - Social Engineering the Executive
        - Securely Working From Home
- **New Employee Orientation.** This knowledge area will provide security awareness basics for employees who are new to your organization.

    - 2023 KnowBe4 Security Awareness Training - 30 minutes
    - 2023 Kevin Mitnick Security Awareness Training - (15 or 45 min)

    - Smart Groups: learn how to create a new hire smart group here: User Date Criteria