Frameworks

In an organization, plans are put in place to protect against a variety of threats, risks, and vulnerabilities. However, the requirements used to protect organizations and people often overlap. Because of this, organizations use security frameworks as a starting point to create their own security policies and processes.

Let's start by quickly reviewing what frameworks are. Security frameworks are guidelines used for building plans to help mitigate risks and threats to data and privacy, such as social engineering attacks and ransomware. Security involves more than just the virtual space. It also includes the physical, which is why many organizations have plans to maintain safety in the work environment. For example, access to a building may require using a key card or badge.

Other security frameworks provide guidance for how to prevent, detect, and respond to security breaches. This is particularly important when trying to protect an organization from social engineering attacks like phishing that target their employees.

Remember, people are the biggest threat to security. So frameworks can be used to create plans that increase employee awareness and educate them about how they can protect the organization, their co-workers, and themselves. Educating employees about existing security challenges is essential for minimizing the possibility of a breach.

Providing employee training about how to recognize red flags, or potential threats, is essential, along with having plans in place to quickly report and address security issues. As an analyst, it will be important for you to understand and implement the plans your organization has in place to keep the organization, its employees, and the people it serves safe from social engineering attacks, breaches, and other harmful security incidents.

Coming up, we'll review and discuss security controls, which are used alongside frameworks to achieve an organization's security goals.

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