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TECHNOLOGICAL OBSELESCENCE AND THEFT

Technological Obsolescence

> Technological obsolescence generally occurs when a new product has been created to replace an older version.

> Refers to the broader concept of technology systems or components becoming outdated, often resulting in reduced functionality, increased risks, and higher maintenance costs.

List of Obsolete Technology

Obsolete Technology	Replacement
Manual Vacuum Cleaner, Carpet sweeper	Electric vacuum cleaner
Quill pen, reed pen, dip pen, fountain pen	Ballpoint pen, felt tip pen, brush pen
Sundial	Clock

What if Theft?

Theft in IS:

Theft is stealing the Data, personal information or any important document, file, device without the authorized permissions from another PC and use it intentionally.

Types of Theft

1. Identity Theft
2. Data Theft

1. Identity Theft

> Identity theft is the deliberate use of someone else's identity, usually as a method to gain a financial advantage or obtain credit and other benefits in the other person's name, and perhaps to the other person's disadvantage or loss.

> Identity theft is when thieves steal your personal information in order to take over or open new accounts, file fake tax returns, rent or buy properties, or do other criminal things in your name.

Categories of Identity Theft

Identity Theft fall into Three main categories:

- Financial Identity Theft
- Criminal Identity Theft
- Cloning

Categories of Identity Theft

Financial Identity Theft

> It involves an unauthorized person gaining access to and using another person's financial information.

Example: The thief might open bank accounts, take out loans, or make transactions in the victim's name, causing financial havoc for the unsuspecting individual.

Categories of Identity Theft

Criminal Identity Theft

> Criminal identity theft occurs when someone cited or arrested for a crime presents himself as another person, by using that person's name and identifying information.

Categories of Identity Theft

Cloning

> Refers to the process of duplicating digital identities, systems, or data to perform malicious activities such as identity theft, data breaches, or unauthorised access.

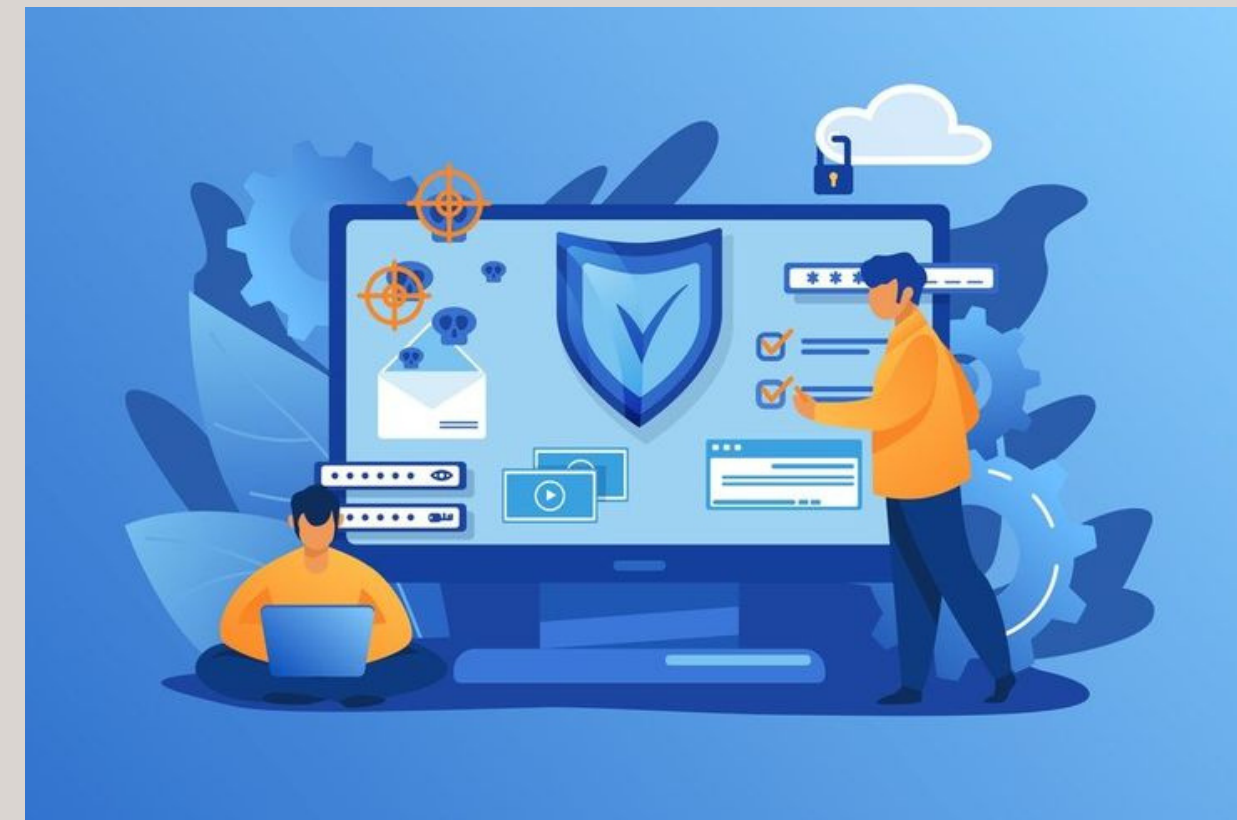> By replicating the target entity, attackers can manipulate or exploit vulnerabilities without raising suspicion.

2. Data Theft

> Data theft is the act of stealing digital information stored on computers, servers, or electronic devices of an unknown victim with the intent go compromise privacy or obtain confidential information.

> Commonly, this information is user information such as passwords, social security numbers, credit card information, other information, or other confidential corporate information.

Theft Prevention

> Encryption of confidential information or personal information.
> Data management system go have necessary security measures to ensure the corporate file share not moved or accessed illegally.
> Periodic reviews on devices and systems which can pose high risk.
> Usage of restricted network in organization.
> Restricted usage of devices capable of data storage.
> Protecting confidential and personal information using password.
> Use of anti-malware software.

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