SNS COLLEGE OF ENGINEERING

Kurumbapalayam (Po), Coimbatore – 641 107

An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING-IOT Including CS&BCT

COURSE NAME : **19SB402**- NETWORKING AND CYBERSECURITY

II YEAR / III SEMESTER

Unit II- **SECURITY THREATS**

Topic : **INSIDER THREATS**

Insider Threats

INSIDER THREATS

- Cybersecurity and Infrastructure Security Agency (CISA) defines insider threat
- The threat that an insider will use their authorized access, intentionally or unintentionally,
- To do harm to the department's mission, resources, personnel, facilities, information, equipment, networks, or systems.

OR

- An insider is any person who has or had authorized access to or knowledge of an organization’s resources, including personnel, facilities, information, equipment, networks, and systems.

Examples of an insider

•A person to whom the organization has supplied a computer and/or network access.

•A person who is knowledgeable about the organization's fundamentals, including pricing, costs, and organizational strengths and weaknesses.

•Conclusion of objectives

Insider threat is the potential for an insider to use their authorized access or understanding of an organization to harm that organization.

Types of Insider Threats

1. **Unintentional Threat**
2. **Intentional Threats**

Unintentional Threat

Negligence

Negligent insiders are generally familiar with security and/or IT policies but choose to ignore them, creating risk for the organization.

Examples include allowing someone to “piggyback” through a secure entrance point, misplacing or losing a portable storage device containing sensitive information, and ignoring messages to install new updates and security patches.

Types of Insider Threats Cont..

Accidental

An insider of this type mistakenly causes an unintended risk to an organization.

Examples include mistyping an email address and accidentally sending a sensitive business document to a competitor

Intentional Threats

Intentional threats are actions taken to harm an organization for personal benefit or to act on a personal grievance.

Example, many insiders are motivated to “get even” due to a perceived lack of recognition (e.g., promotion, bonuses, desirable travel) or termination.

Insider Threats

Any Queries

Thank You!