

INFORMATION SECURITY BASICS

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THE FLOW:

- Data
- Information
- Knowledge
- Science

INFORMATION SYSTEM

- Man
- Machine
- Data/Information
- Process
- Technology

CIA TRIAD

- Confidentiality
- Integrity
- Availability

UNDERSTANDING AUTHENTICATION

What is authentication ?

The process or action of verifying the identity of a user or process.

- Non-repudiation

Types of auth: password, biometric, digital sign

THREATS AND VULNERABILITIES

- Viruses (I love you)
- Worms (NIMDA)
- Trojan Horses
- Adwares
- Spywares
- Ransomware
- Mobile virus

PREVENTION, DETECTION AND COUNTERMEASURES

- Firewalls
- Antivirus
- Anti malwares

THANK YOU

- Open for Questions.

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