

CIA (not that one!)



@Chidambaram-narayanan

C - Confidentiality

- ✓ Protection of data from unauthorized access and disclosure
- ✓ Protecting personal privacy and proprietary information.



@Chidambaram-narayanan

I - Integrity

- ✓ Accuracy, completeness, consistency, and validity of an organization's data;
- ✓ Protection of system data from intentional or accidental unauthorized changes



@Chidambaram-narayanan

A - Availability

- ✓ Timely and reliable access to and use of information by authorized users (FISMA)



@Chidambaram-narayanan

The Triad

CYBERSECURITY – INFOSEC CIA TRIAD

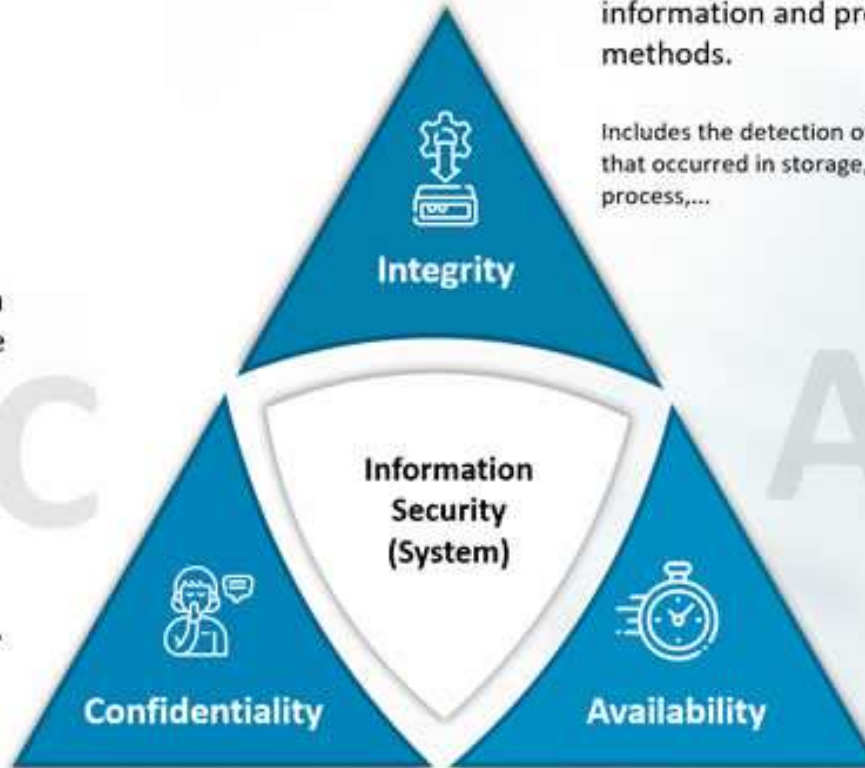


Ensuring that information is accessible only to those authorized to have access.

Includes:

- Protection from unauthorized access and use;
- Protecting data on systems, in transit, in process,...

C



Safeguarding the accuracy and completeness of information and processing methods.

Includes the detection of alterations that occurred in storage, transit, process,...

Ensuring that authorized users have access to information and associated assets when required.

Includes controls for:

Acceptable level of performance
Fault tolerance
Prevention of data loss and destruction
Reliable backups, redundancy,...

A



@Chidambaram-narayanan

Thank you!

Like, subscribe, follow (why not all 3?)

- ✓ Auditing of financial and systems
- ✓ Cloud awareness
- ✓ Certified Information Systems Audits



@Chidambaram-narayanan