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Information Security:

- I.S. relates to Computing Systems.
- Information is subject to increasing threat of attacks availability of number of tools and resources on internet that may be used to attack systems
- Information Security must consider available counter measure more work is needed

Diff. Security & Threats

Security →

- (i) Availability: The Information must accessible and available to users when requested so that can carry out tasks and fulfil their responsibility
- (ii) Integrity: When a security mechanism provides integrity, it protects data, or a resource
- (iii) Confidentiality: It is the assurance that information is not disclosed to unauthorized individuals, programs, or process

Threats :

Information System attackers have the potential to cripple much of the business houses and your Government throughout the world have access to uncounted amount of H/W & S/W and data.

→ The purpose of Computer Security is to prevent such damage.

→ Most attackers are not criminals but rather are normal people who observe a weakness in a security system that allow to access cash or other valuables.