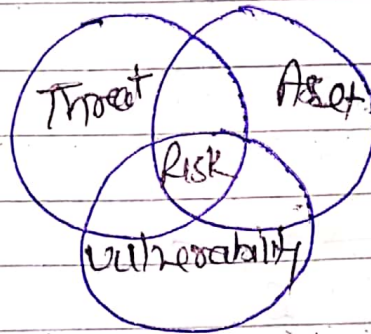


4

Security Risk Analysis

- ① Security risk analysis is also called a risk assessment. It is fundamental to the security of any organization. It is essential in ensuring that controls and expenditure are fully commensurate with the risk to which the organization is exposed.



- ② The process to determine which security controls are appropriate and cost effective is quite often a complex and sometimes a subjective matter.

- ③ One of the functions of security risk analysis is to put this process onto a more objective basis. Risk analysis are of two types. Quantitative and qualitative.

Quantitative risk is make use of a single element reproduced from these

Qualitative risk → Probability data is not required and only estimated annual cost (EAC) this is ~~is~~ only estimated potential loss is used.

Function of information: An information system is a designed system that collects, stores, processes, and distributes information about the state of a domain.

