

Q.2)

Active Attacks

Passive Attacks

1) In active attack, modification in information take place.

1) While in passive attacks, modification in the information does not take place.

2) Active attacks is danger for integrity as well as availability.

2) Passive Attacks is danger for confidentiality.

3) In active attacks attention is on detection.

3) While in passive attacks attention is on prevention.

4) Due to active attack system is always damaged.

4) While due to passive attack, there is no any harm to system.

5) In active attack, victim gets informed about attack.

5) While in passive attack, victim does not get informed about the attack.

6) In active attack, system resources can be changed.

6) While in passive attack, system resources are not change.

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1) Active attacks influence the service of the system.

2) In active attack, information collected through passive attacks are used during executing.

3) Active attacks is tough to restrict from entering systems or network.

1) While in passive attack, information and messages in the system or network are acquired.

2) While passive attacks are performed by collecting the information such as passwords, messages by itself.

3) Passive attacks is easy to prohibited in comparison to active attacks.