

* Model for Internetwork Security :-

- Internetwork Security Model Shows that all basic tasks in designing a Particular security service.

➤ When the transfer of data happened from one source to another source some logical information channel is established.

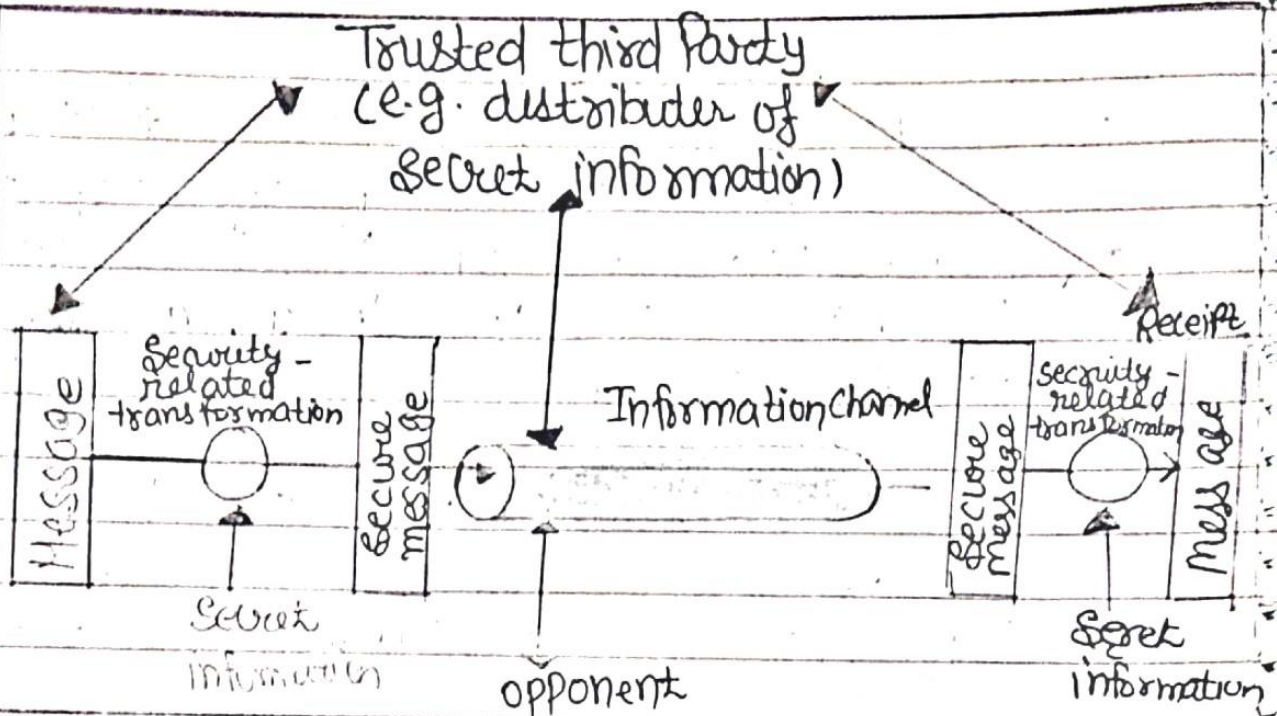
➤ A logical information channel is established by defining a route through the internet from source to destination by use of communication protocols by the two parties.

➤ All the technique for Providing security have to components:

1. A security - related transformation on the information to be sent.

2. Some secret information shared by two principals and its hoped, and unknown to the opponent.

➤ Model for internetwork security :-



- A trusted third Party may be needed to achieve secure transmission. It is responsible for distributing the secret information to the two parties, while keeping it away from any opponent.
- The general model shows that there are four basic tasks in designing a particular security service:
 - 1.) Design an algorithm for performing the security-related transformation.
 - 2.) Generate the secret information to be used with the algorithm.
 - 3.) Develop methods for the distribution and sharing of secret information.
 - 4.) Specify a protocol to be used by the two principals that makes use of the security algorithm.