

ATTRIBUTES OF INTERNET

Internet was developed to support

→ Adaptive Routing:

Adaptive routing means the traffic can take different Routes through the Internet depending on network conditions.

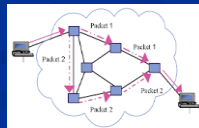
The possible result of adaptive routing is that the destination may receive the packets out of order.



→ Connectionless System:

This means Circuits are not setup between the Users.

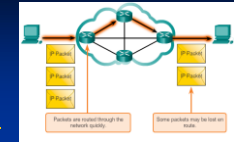
As a result, the internet does not maintain an ongoing knowledge of user traffic and does not build a fixed path.



→ "Best effort" delivery Service:

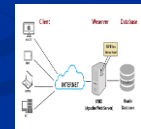
The Internet is a "best effort" delivery network. The term best effort means that the Internet will attempt to deliver the traffic.

But traffic discarded if problem occur (damaged bits. Due to errors, congestion at router, etc).



→ Data Applications:

This aspect of Internet describes that Internet is not Particularly good choice for the transport of voice traffic, because there is not "tune" for voice or video.



→ Unicasting or Multicasting Operations:

The Internet supports either one-to-one or one-to-many means Multicasting operation.

