Why does the Internet use packet switching?

1. Efficient use of expensive links:
   - The links are assumed to be expensive and scarce.
   - Packet switching allows many, bursty flows to share the same link efficiently.
   - “Circuit switching is rarely used for data networks, ... because of very inefficient use of the links” - Gallager

2. Resilience to failure of links & routers:
   - “For high reliability, ... [the Internet] was to be a datagram subnet, so if some lines and [routers] were destroyed, messages could be ... rerouted” - Tanenbaum