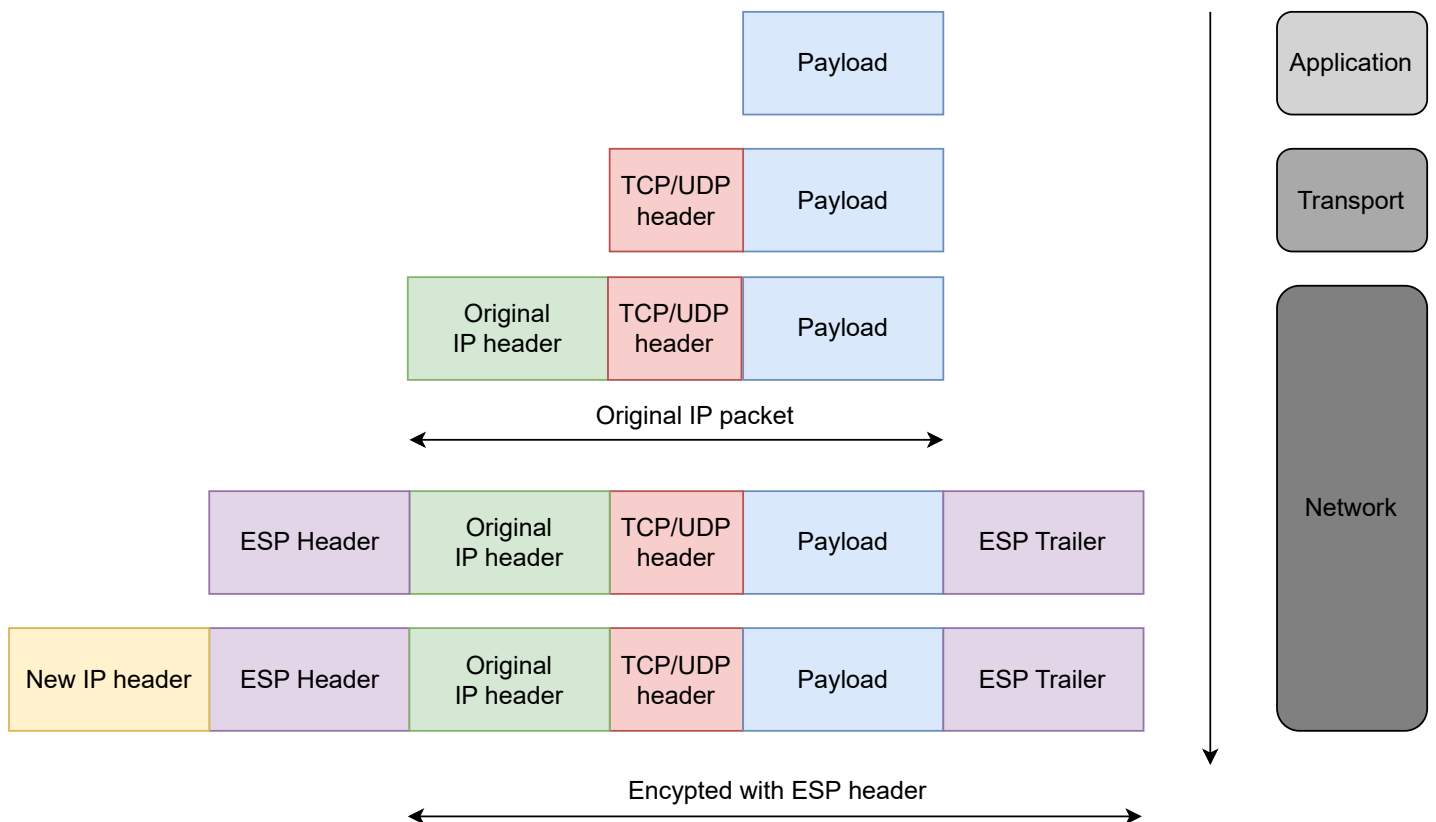


IPSec ESP Tunnel Mode – Packet Encapsulation



This diagram shows how data is encapsulated and encrypted in IPSec ESP Tunnel Mode. In this mode, IPSec ensures the original IP packet transmits safely.. It applies encryption and integrity protection. The process follows these steps:

1. The original IP packet, including the original IP header, UDP/TCP header, and payload are encapsulated.
2. IPSec encryption adds the ESP header and ESP trailer.
3. ESP header encrypts the original IP packet with the ESP trailer.
4. A new IP header is added.