





Encapsulating Security Protocol;

of the given protection to upper layer new protocols, with a signed area where a protected data packet has been signed for integrity of encrypted area which indicates the information that protected poth confidentiality.

The lowers a data packet is being tunneled, ESP

projects only the IP data payload and not the IP header.

alp

Authentication Header

- of the internet protocol Secority (19sec)
 protocol suit, which authenticates the origin
 of IP parket & guarantees the integrity of
 data.
- parket & ensurer that it's contents have been charged since transmission.

Conclusion;

In this study assignment, I have studited about the ESP, AH protocols.

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	192.168.12.1	192.168.12.2	ISAKMP	210	Identity Protection (Main Mode)
2	0.042929	192.168.12.2	192.168.12.1	ISAKMP	150	Identity Protection (Main Mode)
3	0.085175	192.168.12.1	192.168.12.2	ISAKMP	326	Identity Protection (Main Mode)
4	0.138292	192.168.12.2	192.168.12.1	ISAKMP	346	Identity Protection (Main Mode)
5	0.191233	192.168.12.1	192.168.12.2	ISAKMP	150	Identity Protection (Main Mode)
6	0.196275	192.168.12.2	192.168.12.1	ISAKMP	118	Identity Protection (Main Mode)
7	0.202103	192.168.12.1	192.168.12.2	ISAKMP	262	Quick Mode
8	0.208529	192.168.12.2	192.168.12.1	ISAKMP	262	Quick Mode
9	0.213251	192.168.12.1	192,168,12,2	ISAKMP	102	Quick Mode

) Frame 1: 210 bytes on wire (1680 bits), 210 bytes captured (1680 bits)
) Ethernet II, Src: (15xo_8b:36:d0 (00:1d:a1:8b:36:d0), Dst: (15xo_ed:7a:f0 (00:17:5a:ed:7a:f0)
) Internet Protocol Version 4, Src: 192.168.12.1, Dst: 192.168.12.2
) User Datagram Protocol, Src Port: 500, Dst Port: 500
) Internet Security Association and Key Management Protocol