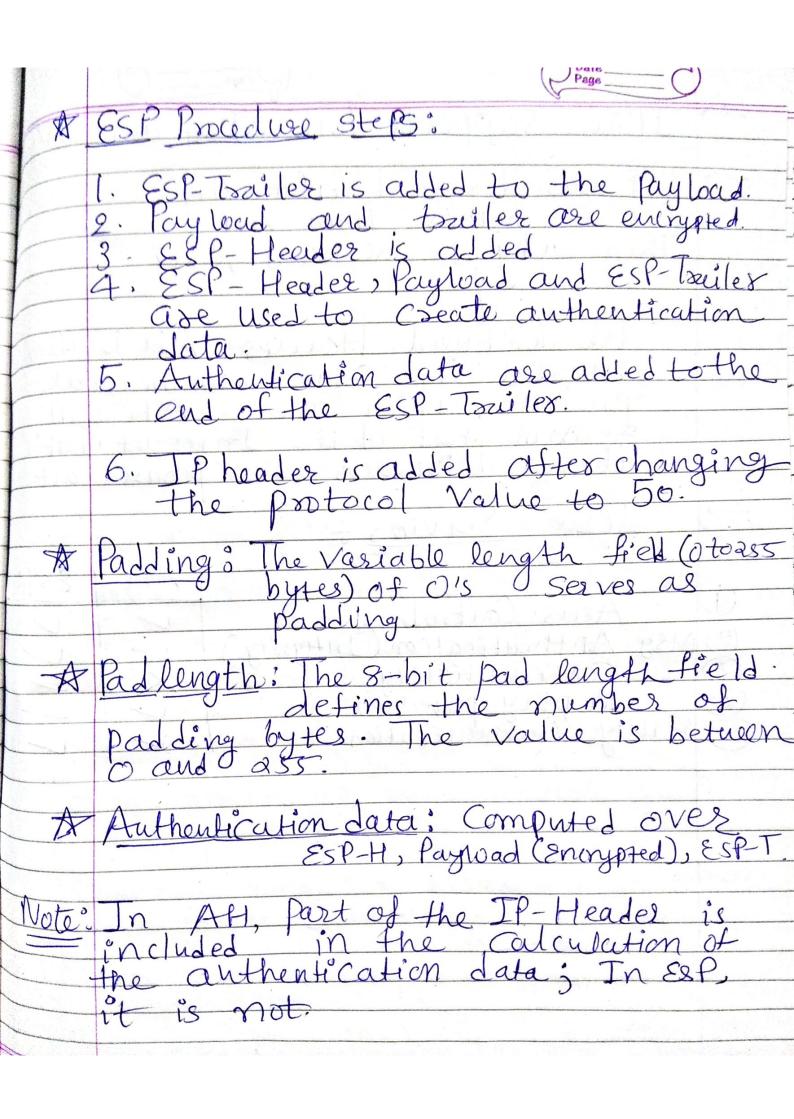
· 27" A Encapsulating Secusity Payload. The AH protocol duesn't provide Privacy.

It provides only source authentication

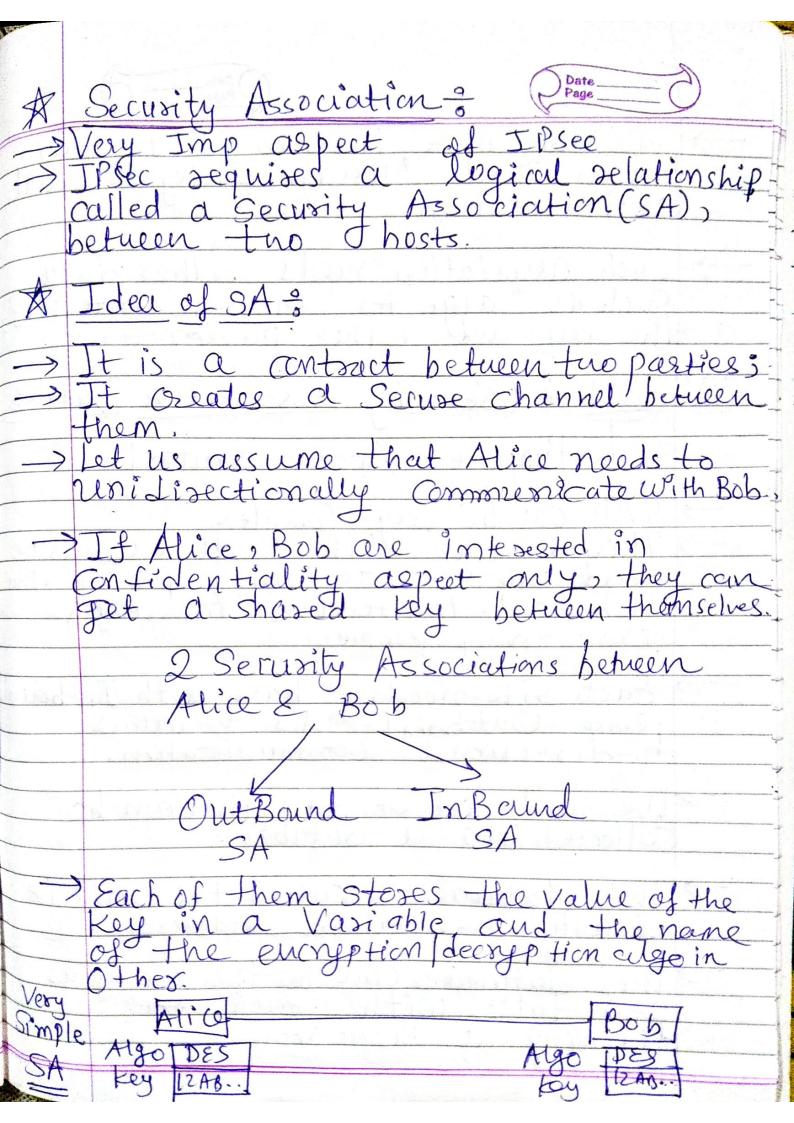
and data Integrity. ESP Provides
Source Authentication SIntegrity

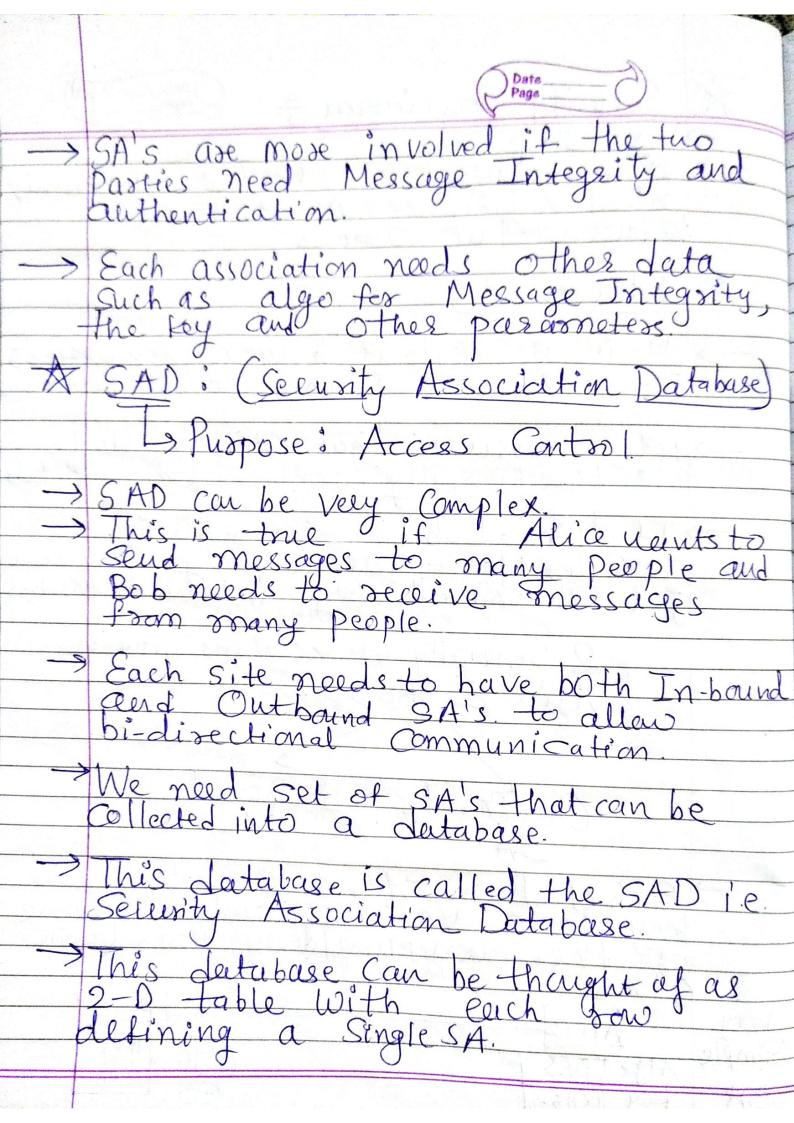
Srivary

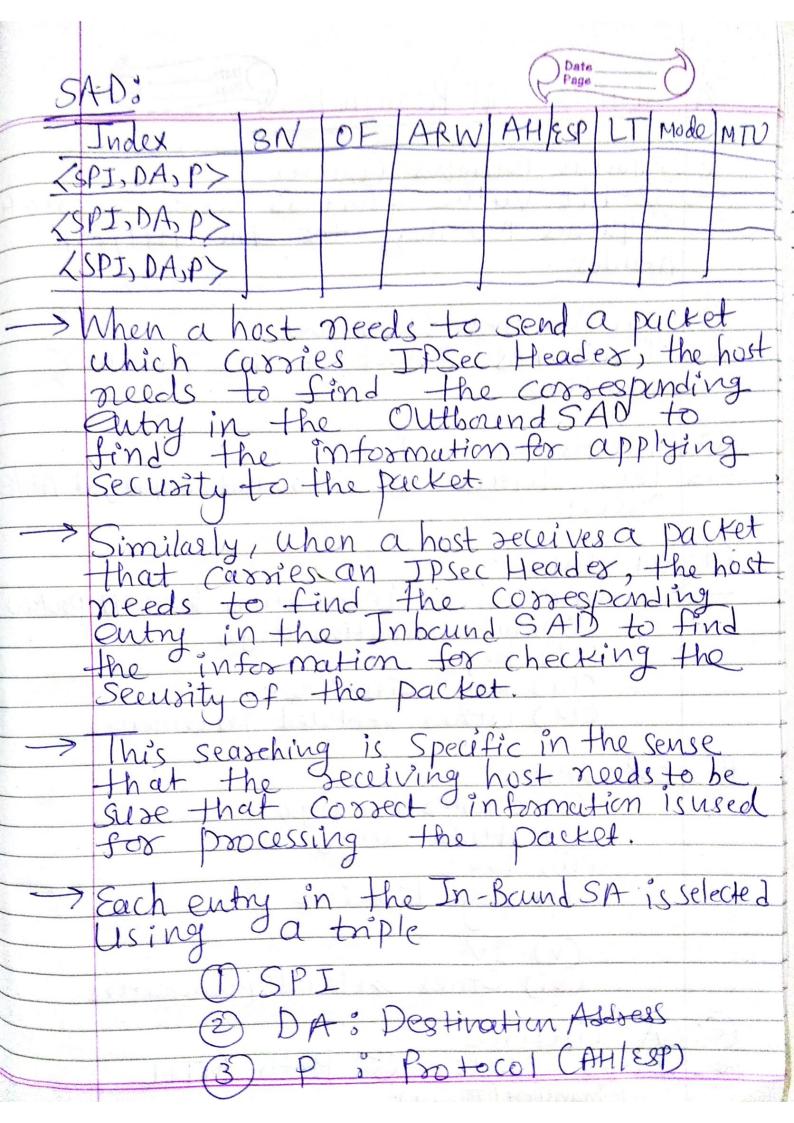
Esp adds a Header and a Trailer ESP's authentication date are added at the end of the packet, which makes its Calculation easies. Authenticated 2. Encrypted IP ESP The Rest of ESP Authentication Header Header the Payload trailer duta SPI (32 bit Padding P Datagram carries an Esp Header and the protocol field in the Theader A field inside the ESP-Trailer (Next Header) holds the Original value of



IPsee Supports both IPV4 and IPV6. ESP was designed after AH. ESP is better than AH. Then why do we need AH? Ne don't need. However, AH is already Included in Some Commercial Products, which means AH will a semain part of the Internet until these products are phased out. IPSee Services: Access Control Mag Authentication (Integrity)
Confédentiality
Replay protection
Entity Authentication







* Typical SA Parameters & Page 1) Sequence Number Counter
32-bit Value that is Used to create
Sequence Numbers for the AHTESP header 2) Seq. Number Overflow Indicates Event of Seq. number Over flow 3 Anti-Replay Window

> This detects an inbound replayed AH/EST
Packet. 4) AH Info. Section Contains information for AH protocol
Ci) Authentication algo (iii) Key Lifetime (iv) Other Scelated Passemetels ESP Info.

(i) Encryption algo

(ii) Auth. algo (Vi) Other related paremeters SA Lifetime Psee Mode & Path MTU Transport Tunnel)