

Diffie - Hellman Key Exchange:
SKA ERP.
SKB EZP.
(Fo. 1)
(From the slide No:6)
Stop-6: Alice: (gskb) Ska mod f.
Step-7:- Bob: $(g^{Sk}A)^{Sk}B$ mod P .
2 Piffel - Hellman ray in the reddle Atlact:
$K_2 = g^{SKA} \cdot SK_2 \pmod{P}$
K, gSK, ·SKp (mod P)
El Grand Signaturel:
(From Stide No: 13, diagram)
Step: 10 to 12: $V_1 = g^h \mod P$
$V_z = (P_{KA}^{S_1} . (S_i)^{S_z}) \mod P$
ll
$= \left(g^{SKA}\right)^{S_1} \cdot \left(g^{K}\right)^{K^{-1}} \left(h^{-SKA} \cdot S_1\right) \operatorname{mod} P$ $= \left(g^{SKA} \cdot S_1 \cdot g^{K \cdot K^{-1}} \cdot g^{K \cdot K^{-1}} \cdot g^{K \cdot K^{-1}} \cdot g^{KA} \cdot S_1\right) \operatorname{mod} P.$
=(gSKA.S. gK.K" g(h-SKA.S))modp.

