





















Lamport's hash(II) After registration stage : send <ID, pwd> A, pwd Α knows<n, hashⁿ(pwd)> A's n в Α W/S compare hash<x> to hashⁿ(pwd); x=hashⁿ⁻¹(pwd) if equal, replaces <n, hashⁿ<pwd>> with <n-1,x> · Solving Encryption and integrity together : use password||salt instead of password only -> advance to S/KEY •No mutual authentication

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Comparison				
Method	Information (Byte)	Processing time(sec.)	Prob. (%)*	Research grou[p
Finger print	200	2.5	p1=99.63 p2=99.97	FBI
Hand	4	2~3	p1=99.72	US Air forc
Signature	50	2~3	p1=99 p2=98.5	U. of Nago NTT
Voice	600	12	p1=97 p2=98	IBM,NTT, Bell Lab
Face	100	2~3	p1=86 p2=100	NTT, Bell Lab
Iris	70	3	p1=87.6 p2=100	Identify