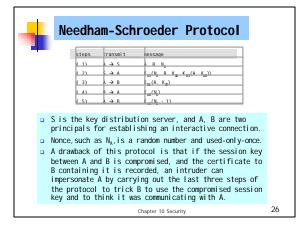
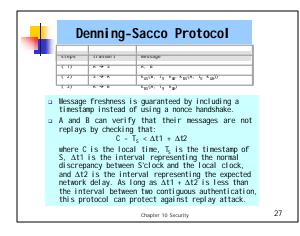
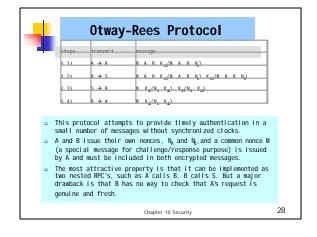
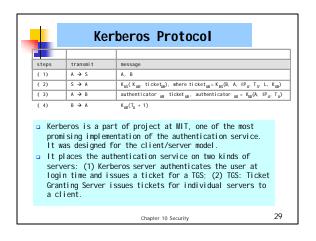


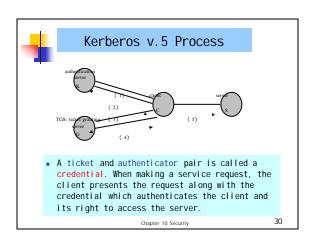
	-				
Symbol	Meaning				
A	principal A on one machine				
В	principal B on another machine				
s	authentication server or key distribution center				
KAS	secret key shared only by A and S				
к	secret key shared only by B and S				
KAR	session key shared only by A and B after authenticatio				
K_*	public key of A				
<u>к.</u> -	private key of A				
$A \rightarrow B : M$	sender A transmits message M to receiver B				
K(M)	a cipher of M encrypted by a key K				
NA	a nonce generated by A				
Ne	a nonce generated by B				
T _e	timestamp of machine (server) S				



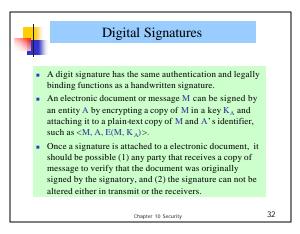


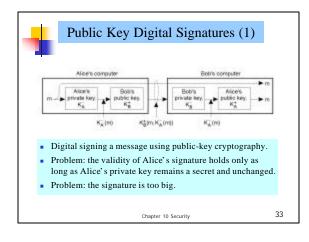


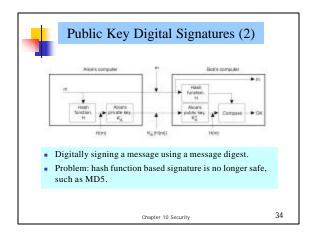


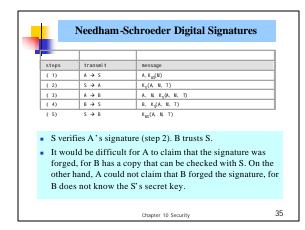


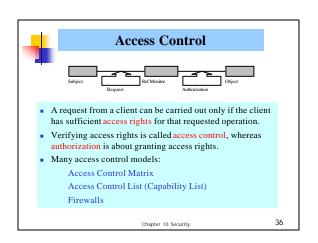
		Public	Key Protocol	
	steps (1) (2) (3)	$\begin{array}{c} \text{transmit} \\ A \rightarrow B \\ B \rightarrow A \\ A \rightarrow B \end{array}$	message K _a [*] (A, R _p) K _a [*] (P _b , R _p , K _{pb}) K _{ab} (P _p)	
•	di stri buti It is importa key (as well public key of How such of	i on centre ant that B ma l as the most of someone i guarantee	e a trusted public key ust trust that it got the right public t updated key) to A, and not the impersonating A. can be given involving key management protocol.	
			Chapter 10 Security	











Sub/Obj	file 1	file	7 file 3	file 4
user 1	owner	R/W	Exec	owner
user 2		R	owner	R/W
user 3	Copy/R	ownei	·	
	(a) Re	source ACM		
Sub/ Obj	process	s 1	process 2	process 3
process 1			send	UnbLock sen
process 2	recei	ve		recei ve
process 3	Block re	cei ve	send	
	(b)P	rocess comm	unication ACM	
Sub/ Obj	domain	A	domain B	domain C
domain A			enter	 enter
domain B				
domain C	ente	r		
	(-) P		nunication ACM	

