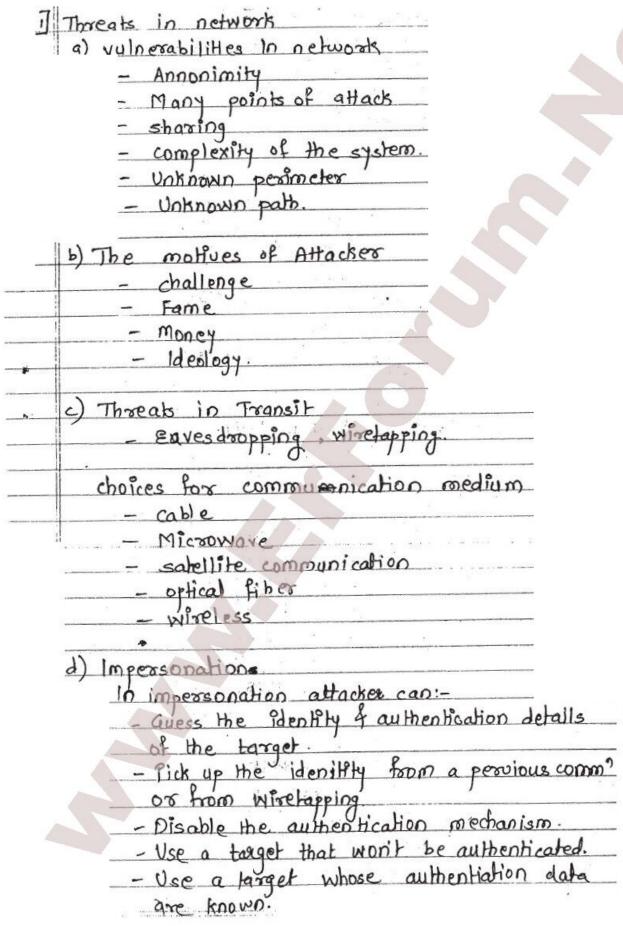
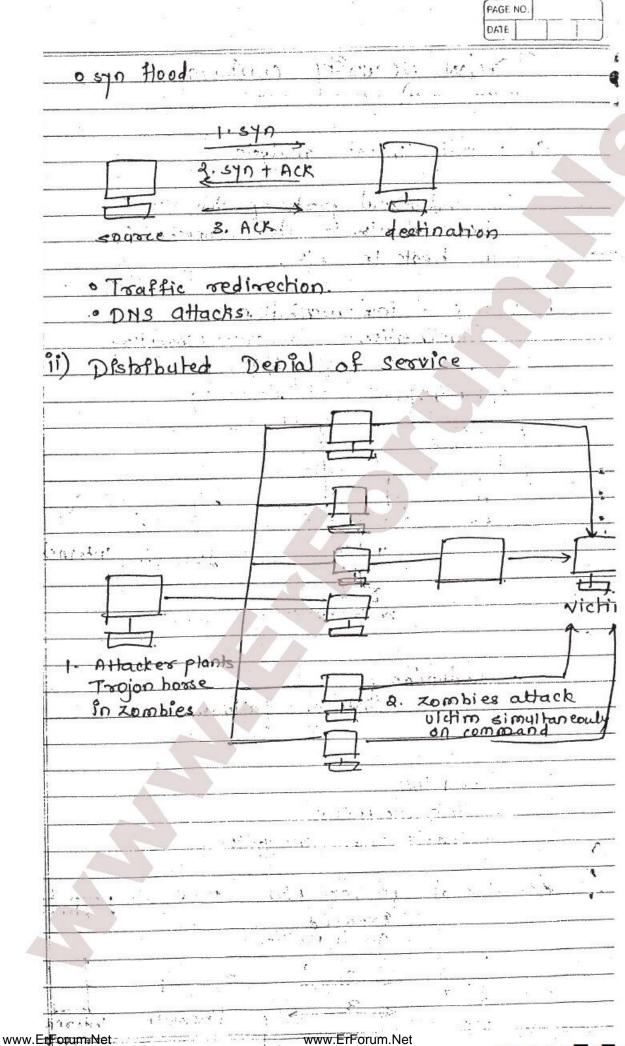
NETWORK SECURITY



- Authentication foiled by guessing
- Authorition thwarled by egyes dropping Twiseta
- Authentication foiled by avoidance
- Moneristent authentication.
- well known authentication.
- Trusted authentication.
The second of th
e) spoofing.
Manufactor
- session hijacking
- Man in middle. attack.
2 1 1917 11) 11/1900 1C: ACIE 101 2 11/1
P) Message confidentiality Threats
- vulnerabilities that can offect confidentiality
· Misdelivery
Exposure :
Traffic flow analysis.
a) Minis an are de la bonnière Thomas de
9) Message Integraty Threats.
- Folsification of messages. An attacker may nextorm following actions.
An attacker may perform julianing
change some or all content of message
replace a message entirely, including
date, time + sender preceiver identification
· reuse an old message
1 -1
change the apparent message into or
· redirect message
· destroy or delete message.
1 1 2 8 11 3 200 11
The attack can be peoperated in following w
· Trojon horse · preempted host
· active wiretap preempted workstation www.ErForum.Net www.ErForum.Net warner ErForum.Net
www.ErForum.Net

-Noise
a stage and the second of the things that he between
h) web site deforement
make inquities from
- Buffer overflowing in account
- Dot dot & address problem
- Application code error
- server side Include
92.33.6
i) Denial of service
- Broken of the man
- Transmission failure
- connection fooding
o 1cmp protocol include
· ping - requests a destination to return a
- seply
· echo - request adostination to return
the data sent to it
· destination uneachable-indicates that
diest address can not be accessed
· source quench - means dest' is beoming
o Echo chargen
o ping of death
o smart of the arms of the fire
A Series See Francisco
victim
Affacter (In Cap) (In Cap)
A Victim is
Attacker sends brodent of saturated with
ECHO request to n/W All n/w hosts ECHO &
with victim's return or reply to victim replies from
address entire n/w.



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Algams

Page 9

•	PAGE NC.
Examples of secure e-mails	ystem :-
laring (all and a second and a second and a	
PAP	(2)
· random session key	
eproyet & message using the	session ley
o enough session key itsing rot	ceipen - public ke
· generate mp-5 or hash of the	message.
o sign the hash by encrypting	rash with send
· A Hach the encrypted session	key to encoup
message of digest.	, ,
· Transmit the message to sec	ipient.
SMIME	
use certificates formikey exch	hange method.
3	
6) Hetwood & couptography.	
Privately Enhanced mail (PEM))
food field - Pora type type of	message
first field - Proc type type of and field - contain domain	
5 77 55	
SSU.	
use certificates for key excha	nge.
436 CERHILLIA TOO KEY CACKE	9
10	
1Psec	f
encoyption algo	e,
1 - 10	
- 11 - parameters	The second second second second second
authentication protocol & key	
lifespan of association.	
address of the apposite end sensitivity level of protected da	1
sensificity level of proofected da	Ja.

	1)
	arguments against.
ià.	
¥	- false sense of procision & confidence
	thack of accusacy
	- hack of accuracy - Immutability
	- Hard to perform.
	Traces to peadon.
	3. organizational security policy.
	Audience
	U3805
	owners
	benifiliars.
	Contents.
ia .	- pyrpose
~	- protected resource
	- Nature of protection.
	characteristics of a good policy.
	- coverage
-	- reus Realism
	- some understandable usefulness.
	- Durability
	4. Physical security.
- Albi viii	1) - Hatural disasters
	- flood
ъ.	- other natural disasters.
¥.	011(8 1742484) 5 3437(13)
· ~	1) Power loss.
40 40 x 44 x 5	
	- unintersuptable power loss
1	- surge suppression.
	ii) Human vandals-
100	101 (1.01)(1), VO Halosis - 13 (2.11)