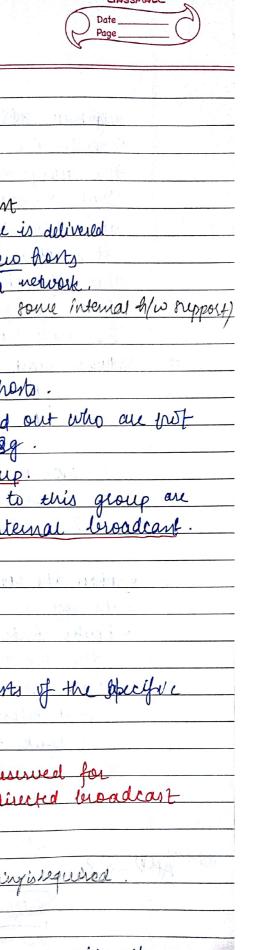
Labe	classmate
SSK	Date 02 02 18 Page
	IP addressing sequencial numbers
	A. B. C.D
	Net ID Host ID
1/25	a particular
190	To find the nade in the
	nduoth the hart which
	which
	ordides.
	And retwork -> Growter -> Rind hort
100	to the complete of the second
	class 1P address format
	Class 1P address format 1st(1) Last 2(3)
	A > Net Hort
	2 2
	Not. 1 Harris
	2 Land on Mariant
	C -> Net D Hon
	Different network differ in the number of hosts they can
	accomodate:
	accompanie.
	0
	Clan C n/w (smaller/= capacity)
	1 byte for hort 1)
	= 28 = 256 horts possible
	the board of the vist All
	202.62.89.5
	net 10 horr 10
 	
dan	
network	1 -> 202.62.89.0
adou	
	Net ID Hort ID
10大学集制 高端	Vetwork Specific AU 0's
-account	rs format people 1 44 03)

		A .
	Clas B Mo	A Charles And A Charles
	130.120.110.100	
pachito	le	1 05
addle	5 € [30.120.0.0]	130.120.0.255 >
of odd		[130.120, 1.0] -> 257
र्ज न	hat a second	Jug
1	01	
	Special addresses	
	1. Loopback addiess	•
	2. Directed Broadcast as	dolles
	3. Winnited Broadcast a	ddies
	4. Network address 5. Marks	
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	6. Private address	37.1
#	Loopback address	
		Caraca La como de Caraca Carac
8	127.00.1	
190	I wante to the control of the contro	Con 4-10 14 1.
	· Used for network of	inquality leading
	· Every OS her NI	as Carlo purposes.
	· Used for network d · Every OS has No houndle metworks	is (republic OS) to
		The state of the s
	Million L. House	· used to amign reprose
		TOOK I A IPA A
	we write a query	of Presite a DNS servey.
ari	forward to the	o und to create a DNS servy.
ae	dien 127.0.0.1.	now to forward menoges.
Me	rage Lordbacks and	now to forward messages. • most importantly, to diagnose.
0.6	nies back to the fame	المالين
	A	
THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SE	ent ·	



	Page
	Menage delivery
1.83	S TO THE RESERVE OF THE PARTY O
	Unicart Bloadcart Multicart
M	mage is Message is Message is delivered
de	irrered to a delivered to all to pero horts
sì	regle hort the horts in in a network.
	refle hart the horts in in a network. a network. (sequeles some internal b/w support)
A DANS	Market Andrew
	Multicarring
	· Msg is sent only to specific horts.
	· Some hosts need to be fittened out who are put
	supplied to decieve the mag.
	· We create a Multicast group.
	· Only those who subscribe to this gloup are
	- lue one who get the internal broadcast.
#	Directed broadcart
	Net ID How ID
	Specific Au 1's
	a Man I ald Mara al I and of the Oten il-1/4
	· Message is delivered to all hors of the specific network.
	New ork:
Un	MAN 255 255 255 7 0
(Ji)	B xxx.xxx. 255.255.255 Reserved for directed be badeast
	c × ×× ××× ××× ××× × × × × × × × × × ×
X	
	* MAC address to IP address materingislequired.
	A MITE OBORDO DO 11 DECEMBE 1900
#	Limited broadcast nervork
	It a windy foined host has to interact with other
	hants it made at land the server elderen to except
	1 De addumen of other worth. It clocks to the contract th
	goteway address, server address of even its immediate
iau .	

-	neighbour's address.
	To sepolue this, the newly joined host can send that can send the sepolue this, the newly joined that can send the send that address 255.255.255.255.255.255.255.255.255.255
	To sepolue this, the newly joined host call to 255.255.255.255.255.255.255.255.255.255
	and grand and an
	and then to the next reighbour and 80 on ting
	it reaches the server (store and forward approach).
_	This approach is taken to prevent of the numage
4	This approach is taken to prevent (if its connected to inter from going outside the network (if its connected to inter
	The server septies directly to the new hort (unicast deliver with regard, genery.
	with regal gerly.
	Not 1D Horr ID I find the
	Ay 1's Ay 0's required party (1)
-	folwarding following
	Mars A 255. D.D. D. 7 Reserved for
145	don't 255.255. Q.O. nehverk masky
	dan C 255. 255. 255.0
	· when the souther reviews a mig, it has to forward
	- the year to some destination address.
ALL PROPERTY OF THE PROPERTY O	· Router finds the destination address through
	- the network many.
	eg. destination address is 205-16.32-10
	- it belongs to class c
	- Louder lises default made it c.
	- performs bitwise AND your than Man
	- Thus, host ID becomes O.
Otherise	205.16.32.10
Belwins	→ & 255.255.0
	205.16.32.0
	nervork addus
	Causalian American of the American American and a second contract and an area of the american and the second contract and an area of the second contract and an area of the second contract and are a second contract and an area of the second contract and a
	N. Problems and the N. Problems and the Company of

	CIASSMALE	0
	Date	7
(Page	
1		

	Nefault
- 11	Masks — Default - Subnet mark
	- Supernet mask
	- supernet mask
	on sens brook and in a calcan that to sent the
-114	· 19asks are used to hide the horts from the rest of
	Carryon and Arakarah basas
#	Private no address
4	A TOTAL MANOR LANGE HAVE MALE MALE
	. IP addresses of those networks which easi't be
	accessed from outside of their network in an
	intranet.
148,403403	Can A -> 10.0.0.0 - 10.265.255.255
_	The state of the s
	Clar C > 192.168.0.0 - 172.16.81.255
	Cum C 192.128.00 - (92.168.239.253
	reprotes cornectes, no direct connection to internet).
	· However, it is possible with a NAT router. Network address translation · ISP uses NAT routers to convert our private
	Petwork address translation PSP uses NAT routers to convert our private address to connect to the internet (affer rome internal mapping)
	Petwork address translation PER uses NAT rouges to convert our private address to connect to the internet (affer some internal mapping)
	Petwork address translation PISP uses NAT routers to convert our private address to connect to the internet (affer some internal mapping)
	Network address translation PSP uses NAT routers to convert our private address to connect to the internet (affer rome internal mapping) Routers having NAT feature upraintain a NAT text
Round	Network address translation PSP uses NAT souters to connect our private address to connect to the internet (affer rome internal mapping) Routers having NAT feature upraintain a NAT take NAT Table Private 1P address Corresponding public 1P address
Round	Network address translation Private address to connect our private address to connect to the internet (affer rome internal mapping) Routers having NAT feature upraintain a NAT take NAT Table Private 1P address Conesponding public 1P address 192.168.68.79 178.1822.186.190 3 dessination 10 address
Round	Network address translation PSP uses NAT souters to connect our private address to connect to the internet (affer rome internal mapping) Routers having NAT feature upraintain a NAT take NAT Table Private 1P address Corresponding public 1P address

THE MAN THE RESERVE THE PROPERTY OF THE PROPER	to the
	But what if the menage comes to the
	O But what if the menage comes network NAT souter from a popular public network
	addus (like Google) How to find the skelfic
	private host address as the their can be
	The state of the s
	the table : concept of time stamp is
	used to resolve conflict.
	· Also called multi-housed device R
CD4	and the same of the adjusted in adjusted to the same districts. The same districts are
SDe	Bygnment - Days
Glaseway	O Caloured and Charles Committees of the
- Rootes	82. Familiarize with hub, swiften fuse they to connect now
1 B Rower	computers in a n/w.
	Router (continued from Lab 1)
, 	TOTAL STATE OF THE
	> bridge
4	Bridge
	L-Proudational ()
	- Pransparent
Committee Constitution	- Le auriera monared
	deline the LAN
4-4	the packets and makes the table
·	Here the Aller of Aller and the Aller of the
Alle harry	= Gateway
	· Conjects pure network from the other
	· Frankates protocols (icke some hosts can
L.L	Journ Novell architecture having
	different header).
	· Provides encryption and security
1	BROUTER
	· Has combined functions of south,
	BROWLING furctions of router and bridge.

#	flub
,	- Populards to all forts
	The term of the first of the fi
井	Switch - Mas intelligence. Porwards only to specific posts.
	The state of the s