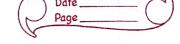
	CC LIC
	SI HI.
	8 5
	11) 20000
	111 00000
	Subnet made
	= 255.255.255.224
100	
	256 _ 82 horts/ gubrets
	8
	est submet and submet
	201. 70.64.0 201. 70.64.32
strody.	to 201.70.64.31 to 201, 70.64.63
	. A hard for a sold
	hars 2 ordinets (64 addunes) will go waste.
91	Given the IP address 180.25.21.172 and the
	subject Mark 255, 255, 192.0, what is the
	interest address.
<u> </u>	The subnet mask for a neproak is 255-255.255.192
_	Now many sub-retwork are auxiliable.
_	
0 B	The subject mark for a class C network is 255-255-255
_	How many subneposles are available?
- 1111	
	180.25.21.172 → class B
1)	180.25.21.172 -> class B
	180.25.21.172 → class B
1)	2 £55.255.192.0 2 £55.255.192.0
1)	2 £55.255.192.0 2 £55.255.192.0
1)	180.25.21.172 -> class B 2 255.255.192.0 11-000000. (000000000 -> 4 pubriets
	180.25.21.172 -> class B 4 255.255.192.0 11-000000. coooooooo -> 4 pubriets
	180.25.21.172 -> class B 2 255.255.192.0 11.000000 00. (000000000 -> 4 pubriets 2 1000000 2 00000000000000000000000000
	180.25.21.172 -> class B 4 255.255.192.0 11-000000. coooooooo -> 4 pubriets 2 17000000 2 17000000 2 10000000 0 000000000000000000
Fubret	180.25.21.172 -> class B 2 255.255.192.0 11.000000 00. (000000000 -> 4 pubriets 2 1.000000 2 00000000 4 1.000000 00000000000000000000000000000

	0-1-965-056-140
2	255.255.255.192
	class A -> 218 rubnets
	110 d
escre esses i	clan B > 21° rubnets
	cian c > A subrels
	25-25-2
3-	255.255.248 Net 10
	Net 1D
	77110111
	72 H
	# 1111 000
	SE HE
	25 rubinets = 32 subinets
#	Clars-less addresses
	- The problem of address space depletion
	- Hars A Most of the addresses of clairs A and B got wasted
	- The adopenes can be allocated to customers in
	the power of 2, as by their sequirement.
	- The Jadrey wentage reduces.
-	- 1Pv4 uses cranton address.
	- Clarles inter-domain louting (CIDR) - clarifes whatie
	A.B.C.D/no I believe to the second
	ffip=32-N doesn't charge
21	ffip=32-N disesuit change
	quienslebro sufrate for anogalano
	have the secretary of the second
	1:67.199.170.82/27
	Suppressed to prefix suppressed
	= 5
	Curt addies
	\$ 167.199.170.82
	187.199.170.64 (5 bits which 0)
	THE RESERVE OF THE PROPERTY OF

	1100 100 0 1.1264/26.
<u> </u>	On organization às granted the block 130.24.1264/26.
	The organization is granted the trave 4 subnets. what
	are the primer averages
	for each student?
	A second section of the
	130.34.12.64/26
	0.00.21.56
	Prefix = 26 Ruffix = 82-26=6
	26 = 64 addresses should be there for the network,
	01000000
	first addres
	1 1 1 Ly subject ID
	4 priberets = 2 bût for subnet 1D
	. 4 bits left for words un a submet
	26 + 2 bit for SI will vary
	, suffix = 25 4
	.: Brefin = 2-8
S. Carlin	130.34.12-64/28 - Starting address
seā lair	130.34.12.79/28 2 ending address
	200 mbnet - 180/28 gra [-96 gth]-127
Sadb-W	duesta - (2012) estable a meturale a dem condication -
9-	In 12p is granted a block of addresses
	specified as 190.100.0.0/16. The ISP needs to
	distribute these addresses to three groups of customer
	as follows:
100	i) The fart group has 64 curtomers; each needs
	256 addresses-
	ii) The second group how 1280 chistomers; each
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	needs 128 address.
	iii) The third group has 126 customers; each
	needs 64 addlesses.
	Design the subblock & give lash refation for each subblock, find out how many address are available after

Scanned by CamScanner



	Remaining addresses
_	65536 - 164×256 + 128×64)
	moub! 65536 - (64×256 + 128×64)
	1st curpomer of georep-1 as for 256 address, 8 bits 190.100.0.0/24 orre required. 190.100.0-255/24 suffer = 8
	190.100.0.0/24 orre required.
	190.100.0.255/24 " myfth = 8
	(a th)
	64th curranner of group 1
-	190.100.63.0/24
	190.100-63.255/24
	The state of the s
	(130.100.64.0/25 mff/x=7
	190.100.64.0/25 mff/x=7
	190.100.64.127/25
	190.10D.64.128/25
	190.100.64.255/25
	126th 190.100.127.6128./25
	126th 190.100.127.25/25
	Group 3: par 64 addus
	hint untoner 128.0/20526
	to 190.150.128.63/26
-	
	geron 190.150.128.64/26
	190.100.128.12/26
	·
100	unaver 190.100.159.192/26 256
	190.100.159.255/26 256 190.100.159.255/26 92
#	
#	

	· · · · · · · · · · · · · · · · · · ·	
0	Starting with 150.80.0.0/16	
	OCA CLIMBING I TO CARE	-
		-
	Brd group: 2008 customers; 4 addungeach	1
	sig group: 2010	4
	Remaining addresses and all	
	= 65536 - 200 X128 + 16× 100 + 4×2048)	1
	2 69594 7 200 /11/20 1	
	Plant group 128 moldiniers	
	Part group 128 address	
	1 Pentonin	
J	ATT II.	_
	Author 150. 80.0.0/25	i
	ending: 150.80.0.127/25	_
		-
	vent autour	E.
	* ** ** ** ** ** ** ** ** ** ** ** ** *	
	Marh'ny: 150,80,199. 128/25	
	150.80.499.255/25	
	2 nd group 16 addin	
	1,10%:	
	13B conformer	1
	Marting: 150.80.100.0/28	Į.
7	ending: 150.80.100.15/28	ý
	(16)	-
	2 ml cu hant unfoun	
4 order		
a with	150. D. 101. 255	-15
MA	13 100 1124 - 25 28 - 3	
. 0	and group 4 564 20 48 = 32	
2,040		
4	In conformer	
0 -	Harring: 150.80.125.0/30	
5'8	chain: 150.80.125.3/30	
	Lant Umfon	
	Harry : 150. 80.156.25/30	

