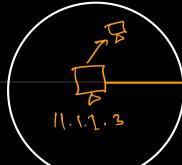
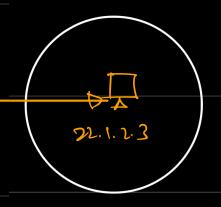


Uni Costry



(1.0.0.0 (N] b)



(NID) 22.0.0.0

When all yeros in host ID, dram it is Notcoork ID (NIB) () meets why -1 (out of -2).

Broad Castura

16M Norts (224)



11.0.0.0

- · Une Casting is wasting resources
- · Create a single packet and broadcast to all.

9	to broo	icast to	in sa	me	NW	is lin	rided Rr.
	SIP		DIF		'		
	11. 1.2. 3	((1)	η. ητητην. μ		(() ())1		
		71				ood ca	t adress
	ر ما	-1 (
	wy						
					$\sqrt{2}$		
	11.1.2.3					<u></u>	
)	
	ζ(. 0.0,	3			20	· O · O · C)
		SIP	DI	7			
		11.1.2.3	20.255	. 255.2	22		
\int							. 0

198.1.10.0

N/w ID bologs 10

Note In Case of limited broadcasting, all are (x.

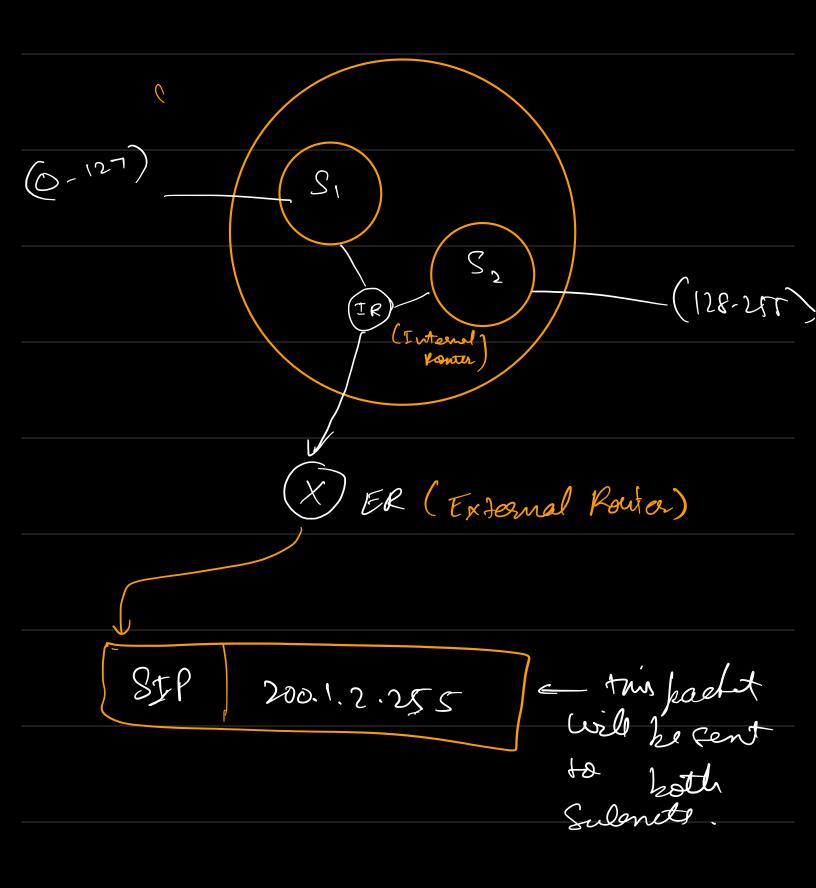
Sulonet/Sulonetting

200.1.2.0

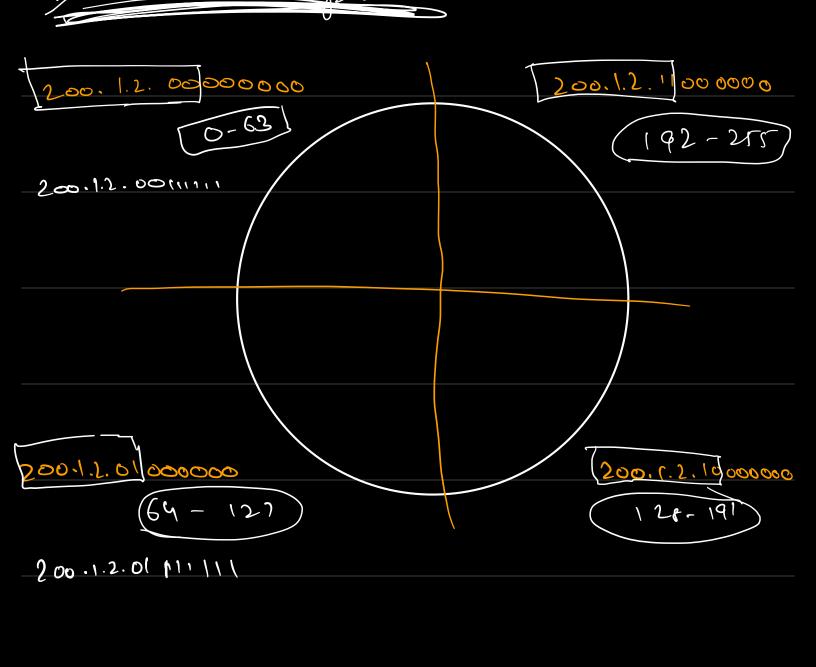
Subst Cubest
200.1.2.00000001

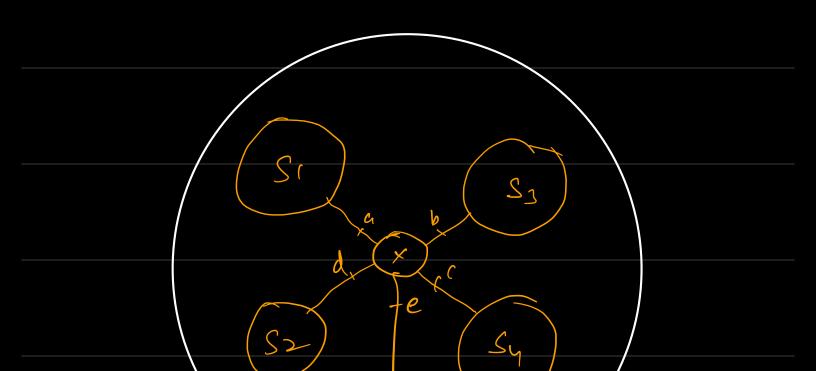
200.1.2.0 = for NJP 200-1-2.1
Subnet 2 200.1.2.127 = for Broadcart
nz di szo za
200.1.2.10000001
200.1.2.
200,1,2, 128 2 NID
200, 1.2. 255 Embroadant
Case 1 Single Ww
200.1.2.0 ENFD
200. 1.2. 255 & Directed Broadcast
Berles
Case 2 Subnets

200. 1.2.0 ← (Sulnet ID-1) 200. 1.2. 255 ← (DRA culnut-2)



Division in le parts







Subnet Mask

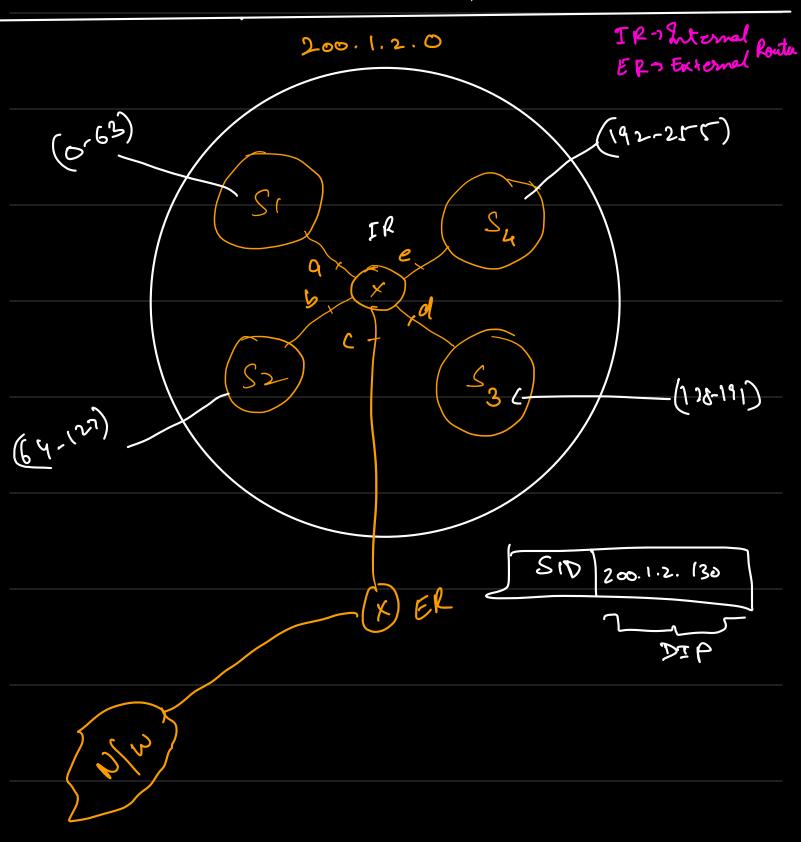
Closs B - 255. 255. 255. 0.0

Closs C - 255. 255. 255. 9

The above exp

255 - 255. 275. 11 0000000

255.255.255.192



Subnet Mask

Clas C-> 255. 255. 255. 0

-) for above diagram

255. 255. 11 0000 00 T SED (Swhot ID)

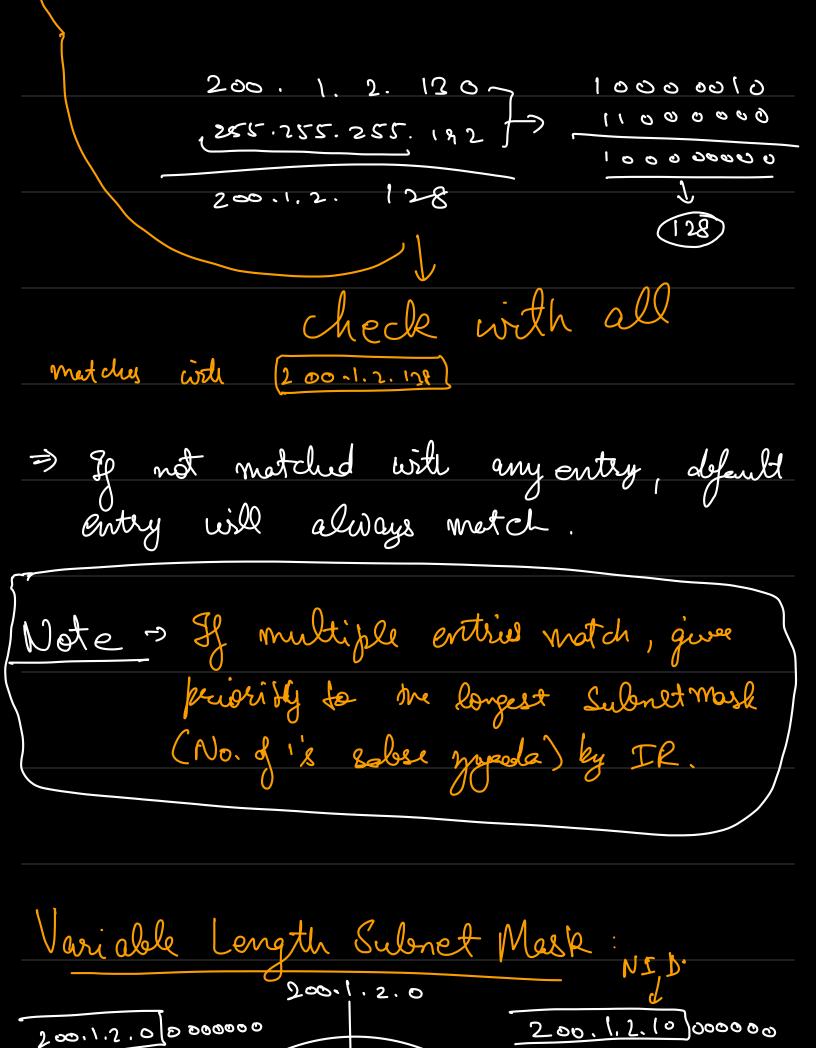
SM = No. 8 13 in NID + No. 8 13 in SID

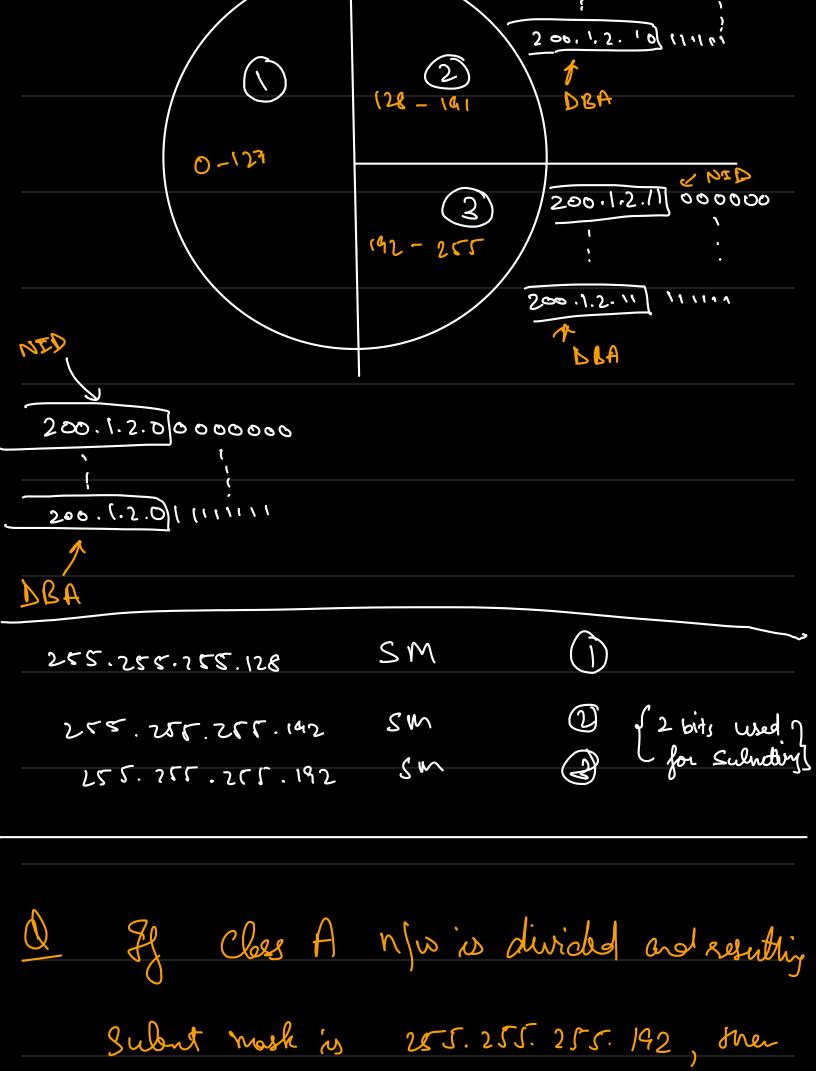
24 + 2 = 26

255. 255. 255. 192

SM

	NID	S M	Interface			
7	200.1.2.0	255.255.755 M2	a			
(d.			
	200.1.2.64					
	200.1.2.126	t _i	d			
	200.1.2.192	1,	e			
	0 , o , o , O	0,0,0,0	C			
default entry						





Cal cul	ate	wark	wow	y bits	shou	ldi	Le dree
for	Sul	met I	D &	what	should	be	Suge
of e	ceh	met I	et!				

ANS-

Classes adressing

Classless representation = a.b.c.d/n

Rlock ID/
NID

For exp 20.30.50.10 20 20 bits for NID No. of FP adresses = 2 = 2 : 2 How Joseph CIDR Block? → i all FP adresses should he Contiguous (true should be no interleaving) (6.17, 0.12 --- 0.20) not (0.11, 0.15) (ii) Singe of each block which you ask for should be in power of 2. (2^n) =) for 200, 512 will be given.

(iii) first TP adress should be evenly dividels by block size.

Let say 110 0 11 Ø n last significent lett av komainder, Rem Yestare O. c Rem

, **u**

