```
Week 5
SIP Addressing
Subnetting
- LAN can be divided into managable Size

Static Subnetting
Variable Length Subnet Mask (VCSM)
Adjusment
I bit > 2 subnet

(29) - 10 subnet

23 = 8 artinya 3 tidak terpakai

2bit - 7 4 subnet
```

Contoh 209.17.5.0/24, buat 8 subnet -> 3 bit 24+3=/27

107 1 ₄	, , , , -1			
Network Address	4th Octet of NA	Subnetmask	First Host	Last Host
204.17.5.0	00000 000, KX. X	255.255.255.214	1. X.X.X	X.X.X.30
204,17.5,32	X-XX. 001 00000	J	X-X-x 33	X.X.X 62
204-17-5-69	X.X.X.010 00000	•	x.x.x.65	X.X.X99
204. 17.5.96	x - x - x . OII 00000	l l	X.X.X.97	X.x. X.126
204.17.5.128	x.x.x. 100 00000	ļ	X.X.X.129	X.X.X.158
209, 17.5.160	X. X. X. 101 00000	}	121.X.X.X	X.X.X.190
204.17.5.192	X-X-X.110 0000V		x.x.x.193	x.x.x.272
209.17.5.229	X. X.X.111 00000	255.255,255.224	X-X.X.215	X.X.X. 254
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VLSM: cara ayar pembagian subnet optimal agartidak terjadi hal seperti dialokasikannya

- Mengassign subnet dari yang terbesar terlebih dahulu

net A: requires a [28 (255.255.255.255.255.240) mask to support 14 hosts 4 bit net B: requires a [27 (255.255.255.2524) mask to support 28 hosts 5 bit net C: requires a [28 (255.255.255.252) mask to support 2 hosts 2 bit net D: requires a [28 (255.255.255.255) mask to support 7 hosts 4 harusing 3 bit, tapiterpulal ul network 12 requires a [27 (255.255.255.255.240) mask to support 28 hosts 5 bit x a [25 (255.255.255.255.255.240) mask to support 28 hosts 5 bit

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