

### Bài 3.1

- Có 5 mạng con
- Bước 1 : Mượn 3 bits

ST T	Địa chỉ mạng	Địa chỉ đầu	Địa chỉ cuối	Địa chỉ Broadcast
0	192.168.100.0/27	192.168.100.1/27	192.168.100.30/27	192.168.100.31/27
1	192.168.100.32/27	192.168.100.33/27	192.168.100.62/27	192.168.100.63/27
2	192.168.100.64/27	192.168.100.65/27	192.168.100.94/27	192.168.100.95/27
3	192.168.100.96/27	192.168.100.97/27	192.168.100.126/27	192.168.100.127/27
4	192.168.100.128/27	192.168.100.129/27	192.168.100.158/27	192.168.100.159/27
5	192.168.100.160/27	192.168.100.161/27	192.168.100.190/27	192.168.100.191/27
6	192.168.100.192/27	192.168.100.193/27	192.168.100.222/27	192.168.100.223/27
7	192.168.100.224/27	192.168.100.225/27	192.168.100.254/27	192.168.100.255/27

Device	Interface	IP Address	Subnet Mask	Default Gateway
R1	G0/0	192.168.100.1/27	255.255.255.224	N/A
	G0/1	192.168.100.33/27	255.255.255.224	N/A
	S0/0/0	192.168.100.129/27	255.255.255.224	N/A
R2	G0/0	192.168.100.65/27	255.255.255.224	N/A
	G0/1	192.168.100.97/27	255.255.255.224	N/A
	S0/0/0	192.168.100.158/27	255.255.255.224	N/A
S1	VLAN 1	192.168.100.2/27	255.255.255.224	192.168.100.1/27
S2	VLAN 1	192.168.100.34/27	255.255.255.224	192.168.100.33/27
S3	VLAN 1	192.168.100.66/27	255.255.255.224	192.168.100.65/27
S4	VLAN 1	192.168.100.98/27	255.255.255.224	192.168.100.97/27
PC1	NIC	192.168.100.30/27	255.255.255.224	192.168.100.1/27
PC2	NIC	192.168.100.62/27	255.255.255.224	192.168.100.33/27
PC3	NIC	192.168.100.94/27	255.255.255.224	192.168.100.65/27
PC4	NIC	192.168.100.126/27	255.255.255.224	192.168.100.97/27