FLSM with Static Routing Fined Length Subnet Marke: Consider a network 192.168.10.0 we have to create 5 subnetweeks. lot -> To make 5 Subnetworks we have to borrow 3 bits from host ID. As Default Subnet Mark of this network ii. - 255.255.00 because this is class c Network. convert Subnet Mark into Bringy 1 (1111111 - 11111111 / 00000000) NID To create Subnetworke we always have to borrow some bits from host To and Convert O's linto 1's So condition of 5 Subnetworks in getting that wears 3 bits we hove so borrow

Now Converting 3 0's differe: 1'8 1-1111111 - 1111111 - 111 00000 it should be in Consecutive order 255. 255. 255. 224 New Subnet May semaining hoste are 256-224 32 32 32 32 32 32 32 32 - Low many bits you are bossowing how many subnetrionice you can create if you are borrowing 3 bits.

2 3 = 8 Subnetnocks. what will the range of lach subnetwork. 0-3 32 - 63 64-95 96 - 127 128 - 159 160 - 191 192 - 223 224 - 255 Alexander





