

VLSM & FLSM

Ex) Jio has bought IP 193.18.19.0

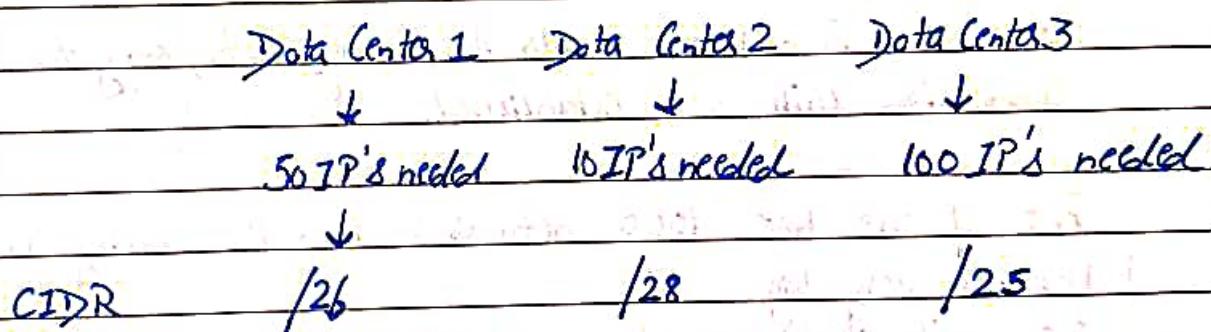
If we take CIDR 193.18.19.0/26

Host Address $\geq 2^6 - 2 = 62 \rightarrow$ Will fill needs of Data Center 1

If we take CIDR 193.18.19.0/27

Host Address $\geq 2^5 - 2 = 32$

It has 3 Data Centers & need to give IP to each



VLSM - Variable Length Subnet Mask

\rightarrow We only use the IP's needed to prevent wastage

FLSM - Fixed length Subnet Mask

\rightarrow Some subnet is being used since same no. of users/IP's needed

