Virtual machine can communicate directily whithin virtual network if there is not network security Vnet:IP Address space(Full range) IP(Internet protocol) Vnet port 0 IPV4 & IPV6 IP V4---32 BIT 8 bit 8 bit 8 bit 8 bit 10.10.10.1 10.10.10.2 10.10.10.3 10.10.10.4 0-255.0-255.0-255 CLASS A (by default 8 0-127 host 16777216 enterprise enviornment bit full) 20.0.0.0 255.0.0.0 Default subnet mask **CLASS B(byy** host 65536 128-191 medium enviornment default 16 bit full 255.255.0.0 1-223.1-255.0.0 Default subnet mask CLASS C(by defauult 192-223 host 256 Small enviornment 24 bit full 255.255.255.0 20.100.100.0 Default subnet mask santosh-vnet01 Subnet Subnet 32 bit 2 ki power 32-n Resource group Flipkart-rg Host Sr no Virtual network Flipkart-vnet01 10.20.0.0/16=Address subnet1 space Flipkartfrontendsubnet01 subnet1 2 1 10.20.0.0/20=subnet 10.20.30.0 reserved for network address 10.20.30.1 default gateway Flipkart-10.20.30.2 backendsubnet01 10.20.30.3 routting purpose 3 8 10.20.16.0/20=subnet 10.20.30.127 brodcasting address 16 32 6 64 128 8 256 9 512 10 1024