1. What is the number of hosts of in a / 14 network

255.252 equals to 262142 numbers of hosts.

1. What is the CIDR for a network with a net mask of 255.255.128.0?

The CIDR is a set of internet protocol limits used in the creation of unique identifiers for networks and persons devices.

The net mask of 255.255.128.0 is /25

1. What is the broadcast address

The broadcast address may be the last address in a network for utilization of the network nodes for the same network.

It is allowing the data to be sent to all the machines on a preferred subnet rather than to a specific device

To locate the communicate address in a calculator one must fill the IP address and subnet mask and afterward utilize the communicate address catch to compute it.

The telecom organize is found from the IP address and subnet mask that is 11000000.10101000.00001100.11111111

1. What is the network id

A network identity is a section of the IP address used in the identification of persons and devices on a network such as the internet and the local area network.

It is utilized as a security device for a system and other related assets. It helps in the confirmation of the getting to of devieces , servers, content, entries, applications and web innovation hardware. Likewise, helps in the validation of client's data, contacts and inclinations.

1. How many subnets are possible in a network with a /19 CIDR

The prefix /19 with a net mask of 255.255.224.0 have 8190 usable hosts per subnet.

1. What is the number of hosts in a network that has a net mask of 255.255.192.0

The net mask of 255.255.192.0 has` prefix of /26 and ha 62 number of hosts in a subnet.

1. Why do we use CIDR in the world today

The classless inter-domain routing is a fundamental of the variable length subnet masking known as the VLSM. It provides an opportunity for a network to be divided into multiple subnets. It also provides an opportunity to find a network size more suitable for neighboring wants.

The CIDR clarifies the IP address framework that upgrades the IP addresses distributing. It helps in the substitution of the past plan established by the A, B, and C classes. The framework has empowered the IPv4 life expansion and the languid improvement of guiding board