

Comments O

divided into two components.

network component and host component

Notwork component is used to identify the notwork that the packet is intended for and host component is used to identify the individual host on notwork

(i) Network component: Defines network segment of device.

(11) Host component: Defines the specific device on a particular network segment.

Subnet mask:

Subnet mask is a 32 bit long address used to distinguish between network address and host address in IP address. Subnet mask has only one purpose to identify which part of an IP address is network address and which part is host address address and which part is

In decimal notation:

IP address: 192.168,1.10
Subnet mask: 255.255.255.0
Network address is 192.168,1 and host address is 10.

2020/09/07 17:41

	Following is the IP class table with default subnot					
	IP class		Notweek		Total	Valid hosta
	A	255 0.0.0	First 8	Last 24	IG. 777.216	16,777,214
	В	255. 255. 0.0	First 16	doxt 16	65,536	65,534
	C	255,255,2550	First 24	Last 8	256	254
Advantages of Subnetting: (i) Subnetting breaks large network in smaller networks and smaller networks are easier to manage. (ii) Subnetting reduces network traffic by removing collision and broadcast traffic, that overall improve performance. (iii) Subnetting allows you to apply network security policies at the interconnection between subnets. (iv) Subnetting allows you to save money by reducing requirement for It range.						

The ordfut will be the subnet mark of 2020 969 467-17:42.
IP address of the host.

