

Operation description

(1) the site, the network the basic components.

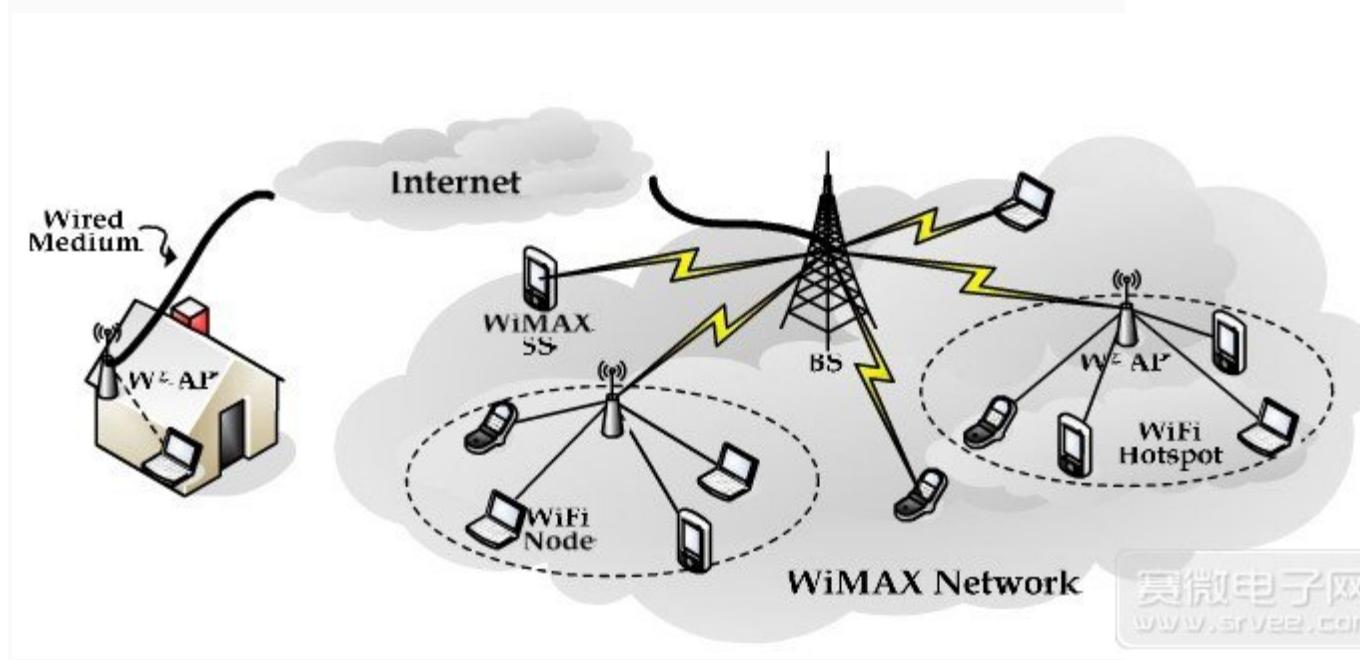
(2) the basic service unit (BSS), the most basic service unit. The simplest service unit can only be composed of two sites. The site can link to the basic dynamic service unit.

(3) the distribution system (DS). The distribution system is used to connect different basic service units. The distribution system of media uses logical and basic service units. The media is entirely separate, although they can be the same physical media, such as the same radio frequency band.

(4) access point (AP), access is a common site of identity, and have access to the function of the distribution system.

(5) expand service unit (ESS), the distribution system and basic service unit combination and into. The distribution system can also use all kinds of technology.

(6) the pass (Portal), is also a logic components. Used for the wireless local area network and cable LAN or other network connection.



Wi-Fi network working principle

Should have at least one AP and one or more than one of the APs. Every 100 ms will broadcast a group of beacon frames in the area, beacon frames in the area

areas of grouping transmission rate is 1 Mbit/s, and length of a short, so the radio to the performance of network movement the impact is not big. Because Wi-Fi specified minimum transmission rate is 1 Mbit/s, so that all the Wi-Fi terminal to receive the SSID broadcasting group, to decide whether to and this a SSID of AP connection.

Users can set to be linked to which SSID. Wi-Fi always to open up its client connection standard, and support roaming. But also means that a wireless adapter may in performance is better than other adapter. Since it is through the air signals, so and the switch Ethernet have the same characteristics.

Still have a kind of Wi-Fi over cable's new plan, belong to the EOC a technology.

Through the 2.4 G wifi rf frequency reduction in transmission of the cable.

Just define the distribution system of IEEE802.11 should provide Service. The wireless local area network definition nine service: