Article Side

Kinds of Wireless Networks

by James Shelton

Article published on June 30th 2012 | Networks

Not too long ago, using networks had been only for very technical people. People's homes seldom had multiple networks. Things have changed since that time, and these days networks are being made use of for lots of things - IM, homework, video games. The list goes on. The increasing appeal of handheld gadgets is rendering the internet a lot more important. Buyers will certainly decide with more confidence with regards to the type of wifi networks which are ideal for their situation by remaining informed.

The first kind of wireless network is the Wireless Personal Area Network (PAN). Anytime a couple of devices that are in close proximity to one another are linked, it's called a Personal Area Network. Just a few meters is a standard distance for this type of network. An example of a PAN is the interaction between a television set along with its remote. An infrared light links the two together, making it possible for the remote to change the TV channel.

The Local Area Network (LAN) is a second popular wireless network. The Local Area Network is composed of two or more devices that talk to each other by means of one access point. A great illustration is the wireless home network (HAN). Where a LAN features an an internet connection, all the units will have the same network.

A Wireless Metropolitan Area Network can be established whenever a larger region needs to be covered. A Metropolitan Area Network is a network which links several places in a general locale. A university usually has a Local Area Network, referred to as a College Area Network (CAN), for every division. The divisions will then be linked to produce a MAN.

Still bigger than a MAN is the Wide Area Network (WAN). A WAN serves as a network that links machines through a substantial geographic space, transferring computer data using common spots such as landlines. The world wide web is actually one illustration of this. The internet connects networks all around the planet to each other.

A different type of wireless network is an Ad-Hoc Network. An Ad-Hoc Network is a decentralized kind of wireless networking. Numerous units will be able to be connected without using a router or access point employing an Ad-Hoc Network. Typically, ad hoc networks are set up on the spot for a very specific reason. Generally, Ad-Hoc Networks tend not to offer an internet connection. A link involving a pair of portable video game devices is a good illustration of such a network. The link is eliminated and the network is destroyed soon after the information is traded between the devices.

The Wireless Mesh Network (WMN) is a particular type of Ad Hoc Network. A WMN connects access points at each computer's location. Information is routed by using the network through nodes or spots. Every user functions as such a node. Voice over Internet Protocol is a great example of a Wireless Mesh Network. Voice impulses are relayed via the internet simply by first changing the signals to electronic signals.

Being knowledgeable about the different types of networking may make a difference in how hard it could be to set up a wireless network. The LAN, MAN, WAN, Ad-Hoc Network and the WMN all have got good and bad points. Your necessities ought to stipulate the type of system built.

Article Source:
http://www.articleside.com/networks-articles/kinds-of-wireless-networks.htm - Article Side

James Shelton - About Author:
To find out more about wireless networks, visit a this site. For example, find out about a wireless n vs g, different types of routers and definitions of terms.

Article Keywords:
wireless network, network types, network explanations

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!