

# Hardware chapter 15



**ASSIGN  
BUSTER**

IP Address What is the name of a 32-bit or 128-bit number that is used to identify a device? Public How are IP addresses available to the Internet classified. dynamic Which type of IP address is configured by a server when a device first initiates a connection to the network. subnet mask Which is used to identify the network portion and the host portion of an IP address. ipconfig Which command can be used to display TCP/IP configuration information and refresh the IP address. unicast address By using this type of address, packets are delivered to a single node on a network. TCP Which protocol make a connection, checks whether the data is received and resets it if its not? virtual private network The solution for securing private data traveling over a public network such as the internet is a? Server Message Block (SMB) Which TCP/IP protocol is used by Windows to share file and printers on a network? Windows Network Diagnostics Which utility can be used to automatically diagnose a problem with a network connection? Alternate Configuration If the computer you are using is a laptop that moves from one network to another, you can click this tab and configure a static IP address setting for a second network. SSID What is used to identify a wireless access point? firewall What type of device can be used to block unwanted traffic initiated from the internet and can also restrict Internet access from an internal network? static IP address What type of IP address should be configured on a wireless access point so that it can always be located by the devices that it serves? port filtering What is it called when a router is configured to open or close certain ports so they can or cannot be used? 5 GHz Which wireless network radio frequency yields faster speeds but offers shorter range. packets Before data is transmitted on a network, it is broken into what? hardware Communication between two computers happens on

what three levels (layers) and these levels include the application, operating system and what? Host Name What is another name for the name of a computer and can be used in place of a IP address? host The first part of an IPv4 address identifies the network, what does the last part identify? port forwarding Using this, when a firewall receives a request for communication from the Internet to a specific computer and port, the request will be allowed and forwarded to that computer on the network. port triggering When a firewall opens a port because a computer behind the firewall initiates communication on another port. ipconfig A command that can be used to display the TCP/IP configuration. Lightweight Directory Access Protocol (LDAP) A protocol used various client applications when the application needs to query a database. DHCP server Assigns an IP address to a computer when it first attempts to initiate a connection to the network. workgroup A group of computers on a peer-to-peer network that are sharing resources. Secure Shell (SSH) Protocol used to pass login information to a remote computer and control that computer over a network. Wi-Fi Protected Setup (WPS) Designed to make it easier for users to connect their computers to a wireless network when a hard-to-remember SSID and security key are used. subnet mask Used by a computer or other device to determine if an IP address of another computer is on its network or another network. virtual private network A security technique that uses encrypted data packets between a private network and a computer on the Internet. Network Address Translation A protocol used to convert private IP address on a LAN to a public IP address before a data packet is sent over the Internet. ON HARDWARE CHAPTER 15 SPECIFICALLY FOR YOU FOR ONLY \$13.90/PAGE Order Now