

# Technology in action

## chapter 13



The \_\_\_\_\_ is responsible for the Internet's domain name system and the allocation of IP addresses ICANN

The main path of the Internet along which data travel the fastest is known as the Internet \_\_\_\_\_ Backbone

High-speed \_\_\_\_\_ communication lines use fiber-optics Cable

Individual Internet users connect to ISPs through a(n) \_\_\_\_\_ Point of Presence (POP)

The main suite of protocols used on the Internet is \_\_\_\_\_ TCP/IP

\_\_\_\_\_ uses a dedicated connection between two points with the connection remaining active for the duration of the transmission Circuit switching

Which of the following information is NOT contained in a packet? The size (in bytes) of the packet

A(n) \_\_\_\_\_ address is a unique number that identifies a computer, server, or device connected to the Internet IP

A(n) \_\_\_\_\_ address is a temporary IP address that is assigned from an available pool of IP addresses Dynamic

An IP address that does not change and is usually assigned manually by a network administrator is called a \_\_\_\_\_ address Static

IPV6 was needed when IPV4 \_\_\_\_\_ Was eliminated

When checking to see whether a particular name is registered on the Internet, your computer accesses a database that is kept on a(n) \_\_\_\_\_ server  
DNS

An IP address in the form 197. 169. 100. 1 is called a(n) \_\_\_\_\_  
Dotted quad

In <http://www.pearsonhighered.com>, which of the following is the top-level domain?  
. com

By adding a network prefix to an IP address, supernetting, or \_\_\_\_\_ lets a single IP address represent multiple unique IP addresses  
Classless Interdomain Routing (CIDR)

Which of the following is NOT a language used in developing websites?  
KML

Which of the following was created for the transfer of hypertext documents across the Internet?  
HTTP

\_\_\_\_\_ is an example of an HTML \_\_\_\_\_ Tag

Text such as **This should be bolded.** is an example of an HTML \_\_\_\_\_ Element

\_\_\_\_\_ determines the content in terms of the data that is being described rather than how it is to be displayed  
XML

\_\_\_\_\_ provides a procedure by which a browser can request that a program file be run rather than just being delivered to the browser  
CGI

A(n) \_\_\_\_\_ is a small program that resides on a server and is designed to be downloaded and run on a client computerApplet

The \_\_\_\_\_ defines items on a web page such as graphics, tables, and headers as objectsDOM

Which protocol is used when sending files as attachments by e-mail? Simple Mail Transfer Protocol (SMTP)

In a public-key encryption, the two keys-- one for coding and one for decoding-- are known as \_\_\_\_\_.A key pair

Which of the following is an example of an instant messenger service? Yahoo Messenger

\_\_\_\_\_ permits two or more people to communicate over the Internet in real timeInstant Messaging

Strong encryption now requires \_\_\_\_\_ -bit keys256

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