# Quizlet

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# **CHAPTER 13**

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### **Key concepts:**

Simple Mail Transfer Protocol

**Secure Sockets Layer** 

**Transport Layer Security** 

# Terms in this set (93)

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.	OC	*
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	no longer had enough unique addresses	*
When checking to see whether a particular name is registered on the Internet, your computer accesses a	DNS	*

database that is kept on	I	l
a(n) server.		
An IP address in the form	dotted quad	*
197.169.100.1 is called a(n)		
·		
In	com	*
http://www.pearsonhigh		
ered.com, which of the		
following is the top-level		
domain?		
By adding a network	classless interdomain routing (CIDR)	
prefix to an IP address,	classicss interdomain rooting (CIDIV)	
supernetting or		
lets a single IP address		
represent multiple		
unique IP addresses.		
Which of the following is	KML	📥
NOT a language used in	IXITE	
developing websites?		
Which of the following	НТТР	*
was created for the		
transfer of hypertext		
documents across the Internet?		
internet?		
<b> is an example of an</b>	tag	*
HTML		
		1
Text such as <b>This</b>	element	*

should be bolded. is an example of an HTML		
defines 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 computer.	applet	*
The defines items on a web page such as graphics, tables, and headers as objects.	DOM	*
Which protocol is used when sending files as attachments by e-mail?	Multipurpose Internet Mail Extensions (MIME)	*

In 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 time.	Instant messaging	*
Strong encryption now requiresbit keys.	256	*
is a consortium of organizations that develops web protocols and sets standards.	World Wide Web Consortium/W3C	*
A typical is made up of one or more network switches to which ISPs connect.	Internet exchange point/IXP	*
servers are computers that enable users to buy goods and services over the web.	Commerce	*

is the communications methodology where data are broken into smaller chunks to be sent over various routes at the same time.	Packet switching	*
SMTP stands for	Simple Mail Transfer Protocol	*
is a method of communication in which a dedicated connection is formed between two points and the connection remains active during the transmission.	Circuit switching	*
In the acronym HTTPS, the S stands for	Secure	*
The IP addressing scheme uses 128-bit addressing.	IPv6	*
197.169.73.63 is an example of a(n)	IP address, Internet Protocol address, dotted decimal number, dotted quad	*
.com and .edu are examples of a(n)	top-level domain/TLD	*

When using addressing, a computer is assigned a temporary address from available IP addresses.	dynamic	*
The IPv4 protocol is beginning to be replaced by the protocol.	IPv6	*
A(n) links a URL to an IP address when a web page is requested.	Domain Name System (DNS) server	*
When a(n) address is assigned to a computer, its IP address will not change.	static	*
In http://example.gov, what is the second-level domain?	example	*
Transport Layer Security (TLS) and are two protocols that provide data integrity and security for Internet transmission.	Secure Sockets Layer (SSL)	*
CGI scripts are known as programs because	server-side	*

these programs run on a web server.		
is the most commonly used scripting language for creating DHTML effects.	JavaScript	*
DHTML stands for	Dynamic HyperText Markup Language(dhtml)	*
<i>i&gt; is an example of an HTML</i>	tag	*
combines HTML, cascading style sheets, and JavaScript.	Dynamic HTML	*
A(n) program is a computer program that runs on the client computer and requires no interaction with a web server.	client-side	*
A(n) is a small program that resides on a server, is downloaded to the client, and runs when needed without additional data transfers between the client and server.	applet	*

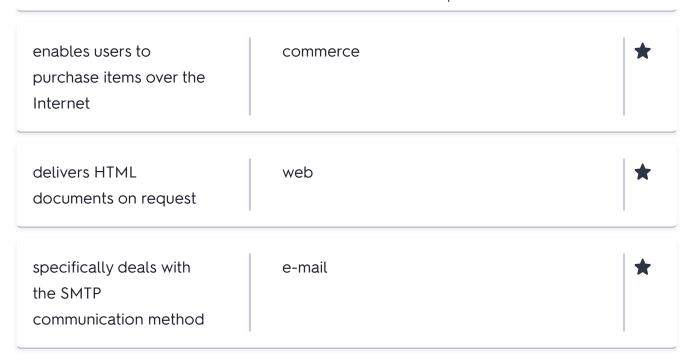
MIME stands for	Multipurpose Internet Mail Extensions	*
is the process of encoding e-mail so that only the person with a corresponding key can decode and read the message.	Encryption	*
When usingkey encryption, only the message sender and recipient have the code.	private	*
In key encryption, two keys, known as a key pair, are created, where one key is used for coding and the other key for decoding.	public	*
The United States government is in charge of the Internet.	FALSE	*
FTP enables files to be downloaded or uploaded between computers.	TRUE	*
When using packet switching, packets are	FALSE	*

always sent over the		
same route.		
File Transfer Protocol (FTP) is used to transmit e-mail messages across the Internet.	FALSE	*
IPv6 uses six groups of 16-bit numbers.	FALSE	*
Dynamic IP addressing is accomplished using a DHCP server.	TRUE	*
Client-side programs run on a web server rather than on your computer.	FALSE	*
An applet is a small application that resides on a server but is downloaded to, and run on, the client computer.	TRUE	*
JavaScript commands are executed on a server computer.	FALSE	*
HTML is a simple programming language.	FALSE	*

The tag is informs a	TRUE	
The tag <i> informs a browser that the text that</i>	TROL	^
follows the tag should		
be italicized.		
XML technologies allow	FALSE	*
web pages to change		
after they have been		
loaded.		
Java and JavaScript refer	FALSE	*
to the same language.		
used for transmission of	SMTP	•
e-mail messages across	J	
the Internet		
protocol that assigns dynamic IP addresses	DHCP	*
transfers data from	HTTP	*
servers to browsers		
prepares data for	TCP	*
transmission providing		
for error checking and		
resending lost data		
sends data between	IP	*
computers on the		
Internet		

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a dedicated connection is formed between two communicating parties	circuit switching	*
public-key package	PGP	*
exchange of control packets between computers	handshaking	*
breaks information down into pieces that can take different paths	packet switching	*
allocates IP address	ICANN	*
a unique identification number that defines each computer, service, or other device that connects to the Internet	IP address	*
used in a common encryption technique	key pair	*
a set of rules for exchanging electronic information	computer protocol	*
IP address for a computer does not change	static addressing	*

temporary IP address for a computer that is assigned from a pool of available IP addresses	dynamic addressing	*
unique domain within another domain	second-level domain	*
list of rules that define how to display HTML elements	cascading style sheet	*
communication between two or more people over the Internet in real time	instant messaging	*
section of a hard drive that stores web page information	Internet cache	*
used to decode an encrypted message	private-key	*
translates a domain name into an IP address	DNS	*
assigns users IP addresses for the duration of a session	DHCP	*



#### THIS SET IS OFTEN IN FOLDERS WITH...

