**Key Terms for Charpter 2**

| **Key Term** |  | **Definition** |
| --- | --- | --- |
| address | 地址（网站） | The location or name of a Web site |
| Advanced Research Project Agency Network (ARPANET) | 高级研究项目代理网络 (ARPANET) | Launched in 1969 when the United States funded a project that developed a national computer network |
| attachment | 附件 | Files, such as documents and worksheets that can be sent along with an e-mail message |
| bitcoin | 比特币 | Cryptocurrency/digital currency, has no cash equivalent and their transactions do not involve third party banks |
| BitTorrent | 比特流（一种文件传输技术） | A type of file transfer that distributes files across many different computers for more efficient downloads |
| blog | 博客 | Web logs that contain time stamped postings |
| browser | 浏览器 | Software program that provides a user interface to web resources |
| business-to-business (B2B) | 企业对企业（电子商务模式） | Involves the sale of a product or service from one business to another over the Internet |
| business-to-consumer (B2C) | 企业对个人（电子商务模式） | The sale of a product or service to the general public or end users over the Internet |
| cable | 电缆 | Modems that provide Internet high-speed access using unused bandwidth on a cable television network |
| cascading style sheets (CSS) | CSS（层叠样式表） | Files inserted into an HTML document that control the appearance of web pages including layout, colors, and fonts |
| client based e-mail system | 客户端电子邮件系统 | Special program known as an e-mail client that needs to be installed and running to enable a computer to communicate with the e-mail service provider |
| cloud computing | 云计算 | Uses the Internet and the web to shift many computer activities from a user’s computer to computers on the Internet |
| consumer-to-consumer (C2C) | 个人对个人（电子商务模式） | Involves individuals selling to individuals over the Internet |
| cryptocurrency | 电子货币 | A digital currency, like bitcoin, has no cash equivalent and their transactions do not involve third party banks |
| deep fake | 换脸技术 | A manipulated video where an individual's appearance or message is changed |
| desktop browser | 桌面浏览器 | Software program that provides a user interface to web resources, designed for laptop and desktop computers, with smaller buttons and more on-screen options designed to take advantage of larger monitors and the precision of mouse input |
| digital currency | 数字货币 | Internet’s equivalent to traditional cash; Buyers purchase digital cash from a third party by transferring funds from their banks. |
| domain name | 域名 | Part of the URL that signifies the name of a web server where the resource is located |
| downloading | 下载 | Copying a file from a server to a local computer |
| DSL | 数字用户线路 | Digital Subscriber Line, provides a digital connection over unused frequencies of standard telephone lines |
| e-commerce | 电子商务 | Buying and selling of goods over the Internet (See also electronic commerce) |
| e-learning | 在线学习 | Being able to take classes on almost any subject from educational institutions that offer courses online |
| electronic commerce | 电子商务 | Buying and selling of goods over the Internet (See also e-commerce) |
| electronic mail | 电子邮件 | Electronic mail, the transmission of electronic messages over the Internet (See also e-mail) |
| e-mail | 电子邮件 | Electronic mail, the transmission of electronic messages over the Internet (See also electronic mail) |
| e-mail client | 电子邮件客户端 | Special program required to communicate with the e-mail service provider in client-based e-mail accounts |
| Facebook | 一种社交网络 | Social networking site that provides an array of features and applications including instant messaging, photo and video sharing, games, and more. |
| fake news | 假新闻 | information that is inaccurate or biased |
| file transfer protocol (FTP) | 文件传输协议 | Internet standard for transferring files |
| filter | 过滤器 | Blocks access to selected web sites |
| friend | 网友 | A person that you specify in a list to use instant messaging |
| groups | 群（组） | Communities of individuals who share a common interest who come together online |
| header | 邮件头 | The first basic element of an e-mail message |
| hyperlink | 超链接 | Connect to other documents, which can be videos, text, graphics, audio files, etc. |
| Hypertext Markup Language (HTML) | 超文本标记语言 | Text based programming language used to create web pages |
| Instagram | 照片墙（一种手机交友软件） | Social networking site with an emphasis on sharing photos |
| instant messaging (IM) | 及时消息 | Allows two or more people to contact each other via direct, live communication |
| Internet | 互联网 | Launched in 1969 with ARPANET, the Internet consists of the actual physical network made up of wires, cables, and satellites. |
| Internet of Things (IoT) | 物联网 | Allows everyday objects embedded with electronic devices to send and receive data over the Internet |
| Internet security suite | 网络安全软件包 | Collection of utility programs designed to protect security and privacy while on the Internet |
| Internet service provider (ISP) | 网络服务供应商 | Provides a path or connection for individuals to access the Internet |
| JavaScript | 一种直译式脚本语言 | A scripting language that triggers interactivity on web pages |
| link | 链接 | Also known as a hyperlink |
| LinkedIn | 一种社交网络 | Social networking site focusing on business professionals |
| location | 网址 | The site of a web page |
| message | 邮件或短信内容 | The second basic element of an e-mail that consists of the body of the e-mail |
| microblog | 微博 | Web site that publishes short sentences that only take a few seconds to write, Twitter is a microblog. |
| MMS (multimedia messaging service) | 彩信服务 | Sends images, videos, and sounds |
| mobile browser | 手机浏览器 | Special browser designed to run on portable devices |
| news feed | 社交网站首页 | First page you see after logging in to a social networking site |
| online | 在线 | Being connected to the Internet |
| pages | 网页 | Are created by companies to promote their business |
| podcast | 播客 | Deliver media content widely used |
| PHP | 一种服务器端脚本语言 | Language often used within HTML document to improve a websites’ interactivity |
| profiles | 个人简介（个性签名） | Created by individuals to share information about themselves |
| protocol | 协议 | Rules for exchanging data between computers |
| search engine | 搜索引擎 | Helps individuals locate information on the Web. (See also search service) |
| search service | 搜索服务 | An organization operates websites that can help individuals locate information on the Web. (See also search engine) |
| secure file transfer protocol (SFTP) | 安全文件传输协议 | Allows the efficient copying of files across the Internet |
| share settings | 访问设置 | On your social media account determine who can see your posts |
| signature | 签名 | The third element of an e-mail message that provides additional information about the sender |
| SMS (short messaging service) | 短信 | Process of sending a short electronic message |
| social networking | 社交网络 | Using the Internet to connect individuals and businesses to one another |
| spam | 垃圾邮件 | Unwanted or unsolicited e-mail |
| spam blocker | 垃圾邮件过滤器 | Software programs that are installed to work with e-mail programs to filter unwanted e-mail messages |
| spam filter | 垃圾邮件过滤器 | Programs used to identify and eliminate spam |
| spider | 爬虫（一种网络资源搜索技术） | Special programs that continually look for new information on the Internet and update the search services’ databases |
| subject | 主题 | Part of the header element in an e-mail, usually a one-line description of the message |
| texting | 文本信息 | Sending a short electronic message using a wireless network to another person who views the message on a mobile device, such as a cell phone |
| text messaging | 文本信息 | Sending a short electronic message using a wireless network to another person who views the message on a mobile device, such as a cell phone. |
| top-level domain (TLD) | 顶级域名 | Last part of the domain name following the dot (.) |
| tweet | Twitter 消息 | Twitter messages |
| Twitter | 一种微博 | A microblog that publishes short sentences |
| uniform resource locator (URL) | 统一资源定位器 | The name, or address, of a web site |
| uploading | 长传 | To copy a file from a local computer to another computer on the Internet |
| virus | （计算机）病毒 | Destructive program often attached to unsolicited e-mail |
| web | 万维网 | Introduced in 1992 at CERN, the web (WWW and World Wide Web) provides a multimedia interface to Internet resources. |
| Web 1.0 | 万维网1.0版 | Focused on linking existing information |
| Web 2.0 | 万维网2.0版 | Evolved to support more dynamic content creation and social interaction |
| Web 3.0 | 万维网3.0版 | Focuses on computer-generated information requiring less human interaction to locate and to integrate information |
| Web 4.0 | 万维4.0版 | Called the mobile web, focus on connecting data and devices into a seamless integration into your physical life |
| Web 5.0 | 万维网5.0版 | Called the emotional web-may include programs that anticipate our needs based on our mood and behaviors |
| web auction | 网络拍卖 | Sellers post descriptions of products at a web site and buyers submit bids electronically |
| web-based e-mail system | 基于网页的电子邮件系统 | Use webmail clients located on the e-mail provider’s computer |
| web-based file transfer services | 基于网页的文件传输服务 | Services that make use of a web browser to upload and download files, Dropbox is an example. |
| webmail | 网络版电子邮件 | Once a computer connects to an e-mail service provider, a special program called a webmail client runs on the e-mail provider’s computer and e-mailing can take place. |
| webmail client | 网络版电子邮件客户端 | Special program that runs on an e-mail provider’s computer and enables web mailing to take place |
| web developer | 网页制作 | Develops and maintains websites and web resources |
| web page | 网页 | A document on the web |
| web suffix | 网页后缀 | Identifies the type of organization, for example .com indicates a commercial site. |
| web utility | 网页工具 | Specialized programs that make using the Internet and the web easier and safer |
| wiki | 一种在网络上开放且可供多人协同创作的超文本系统 | A web site specially designed to allow visitors to fill in missing information or correct inaccuracies |
| Wikipedia | 维基百科 | An online ‘wiki’ encyclopedia written and edited by anyone who wants to contribute |
| wireless modem | 无线调制解调器 | Transmits information that is modulated onto a carrier frequency to allow many simultaneous wireless communication links to work simultaneous on different frequencies |
| World Wide Web | 万维网 | Also known as WWW, provides a multimedia interface to resources available on the Internet |
| WWW | 万维网 | Provides a multimedia interface to resources available on the Internet |