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* 1. The government wanted to make sure that if one node went down, the network as a whole would still be functional.
  2. TCP/IP
  3. An IP address is displayed as four 8 bit numbers separated by periods.
  4. A fully qualified domain name is one that includes the host name at the beginning and then all of the corresponding domain names after it.
  5. It converts the URL that a user enters and converts it to IP that goes with that address. This allows the user to access a site without knowledge of the IP address.

1.7 It was originally to be used for scientists to exchange their research quickly.

1.8 It is text that includes embedded links to other links either in the same document or another.

1.9 Mosaic became available to Mac and Windows users for the first time.

1.11 The document root is the directory where the information that is stored for the user to see is located. The server has direct access to this location.

1.13 The server root stores the application data for the server and any of its supporting applications.

1.14 A virtual host is a server that can host more than one site on a computer.

1.15 A proxy server can serve documents to the user that in the root of other machines elsewhere on the web.

1.16 It means that the document being used is running off the user’s computer.

1.27 A worm is able to spread itself where a virus has to distributed manually.

1.28 The sense of accomplishment from causing a lot of damage to corporations or unsuspecting users.

1.29 A plug-in is a mini-program that adds more features to an already exists program.

1.37 The main use is animation and video playback.

1.40 Java

1.48 Japan

1.49 It gives a building block for web based programs to use databases.