During the weekend, Alice often needs to access files stored on her office desktop from her home laptop. Last week, she installed a copy of the FTP server process on her desktop at her office and a copy of the FTP client process on her laptop at home. She was disappointed when she could not access her files during the weekend. What could have gone wrong?

**FTP**

The FTP (File Transfer Protocol) network protocol can be used to transport files between computers utilizing Transmission Control Protocol/Internet Protocol (TCP/IP) connections.

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**FTP server**

The FTP server is started by the Internet Daemon and communicates with the remote node after that. The FTP server establishes two connections between the client and server processes: one for control information (commands and responses), and the other for data transfer.

The FTP server establishes two connections between the client and server processes: one for control information (commands and responses), and the other for data transfer. The FTP server may handle both binary and text files. Transferring files both forward and backward is possible.

**FTP client**

An FTP client permits the dual-direction transmission of data and files between two computers through a TCP network or Internet connection. In the client/server architecture of an FTP client, the host computer acts as the client, and the remote FTP server as the primary server.

Your computer's FTP client program enables you to establish connections to distant servers using the FTP protocol and other protocols. You can browse and manage the files on your web server using an FTP client. You can also upload files to servers, download files from servers to devices, and perform other operations.

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Any issue may arise.

Most probably, Alice shut down her computer.

Explanation

Other reasons are,

It's possible that Alice accidentally shut off her office desktop. As stated by the client-server paradigm, a server must always be active whereas a client can be launched whenever necessary.

When Alice left the workplace, it's likely that she turned off her office desktop, stopping the FTP server. An active server process should be waiting for client requests to contact it at all times.

A firewall in the office may restrict FTP access (not a secure connection).

FTP has to use ports 21 and 20 for command and control and data transfer respectively in order to function properly. If an FTP client cannot connect to the FTP ports, it cannot execute the protocol.

**Final Answer**

In a client-server architecture, FTP uses separate control and data connections between the client and the server.

She probably turned off her desktop PC for that reason. This prevented her from accessing her files over the weekend.