Feature	HTTP	FTP
Full form	Hypertext Transfer Protocol	File Transfer Protocol
Purpose	Primarily designed for web page retrieval and communication between web browsers and servers	Specifically designed for file transfer between client and server
Port	Typically uses port 80	Typically uses port 21 for control and port 20 for data transfer
Data Transfer	Transfers hypertext and multimedia content such as web pages, images, videos, etc.	Transfers files between client and server
Security	No inherent encryption or security features	Supports FTPS (FTP over SSL/TLS) for secure file transfer
Authentication	Supports basic authentication and other authentication mechanisms	Supports username/password authentication for access control
Access Control	Relies on server-side permissions and access control configurations	Supports various access control mechanisms like read, write, and execute permissions
Connection Type	Stateless, connectionless protocol	Connection-oriented protocol with control and data connections
Commands	Uses simple commands such as GET, POST, PUT, DELETE, etc.	Uses specific commands like RETR (retrieve), STOR (store), LIST (directory listing), etc.
Directory Navigation	Limited support for directory navigation	Provides directory listing and navigation commands

Feature	HTTP	FTP
Use Cases	Used for accessing websites and retrieving web content	Used for uploading, downloading, and managing files on a remote server
Support	Widely supported by web browsers and servers	Widely supported by FTP client and server software

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