💻 Client | 🖥️ Server

📁 **ftp_act_put.pcapng**

🔗 TCP (SYN) — Frame 1 | 2019-04-02T15:52:30.597516Z

🔗 TCP (SYN, ACK) — Frame 2 | 2019-04-02T15:52:30.598536Z

🤝 FTP 220 Ready — 💡 Server is ready — announces software version and capabilities

🏷️ (vsFTPd 3.0.3)	

🤝 FTP FEAT — Frame 6 | 2019-04-02T15:52:30.60266Z

✅ FTP 211 — Frame 8 | 2019-04-02T15:52:30.603901Z

📋 Features:	
📂 CWD	

✅ FTP 211 — Frame 16 | 2019-04-02T15:52:30.6045Z

📋 End	
📂 CWD	

🔒 FTP AUTH — 💡 Upgrade to TLS/SSL encryption — all subsequent commands and data are protected

🔐 Method	TLS

🚫 FTP 530 Error — Frame 19 | 2019-04-02T15:52:30.609933Z

📋 Please login with USER and PASS.	

👤 FTP USER — 💡 FTP login step 1: client identifies itself

👤 Username	ftpuser

🔐 FTP 331 Need Password — Frame 21 | 2019-04-02T15:52:30.611363Z

📋 Please specify the password.	

🔐 FTP PASS — 💡 FTP login step 2: password sent in cleartext (use FTPS for encryption)

✅ FTP 230 Logged In — Frame 23 | 2019-04-02T15:52:30.620609Z

📋 Login successful.	

📂 FTP PWD — 💡 Print current working directory on the server

✅ FTP 257 — Frame 25 | 2019-04-02T15:52:30.621918Z

📋 "/home/ftpuser/ftp" is the current directory	
📂 CWD	/home/ftpuser/ftp

🔧 FTP TYPE — Frame 26 | 2019-04-02T15:52:30.622326Z

🔧 Mode	I

✅ FTP 200 — Frame 27 | 2019-04-02T15:52:30.623115Z

📋 Switching to Binary mode.	
📂 CWD	/home/ftpuser/ftp

🔗 FTP EPRT — Frame 28 | 2019-04-02T15:52:30.623383Z

🔗 |2|fc00	10:1:4::4|33591|

✅ FTP 200 — Frame 29 | 2019-04-02T15:52:30.624525Z

📋 EPRT command successful. Consider using EPSV.	
📂 CWD	/home/ftpuser/ftp

📂 FTP ALLO — Frame 30 | 2019-04-02T15:52:30.624922Z

📋 48	

✅ FTP 202 — Frame 31 | 2019-04-02T15:52:30.62663Z

📋 ALLO command ignored.	
📂 CWD	/home/ftpuser/ftp

📤 FTP STOR — 💡 Upload file to server — data sent over separate data connection

📄 File	R3.cfg

🔗 TCP (SYN) — Frame 33 | 2019-04-02T15:52:30.628961Z

🔗 TCP (SYN, ACK) — Frame 34 | 2019-04-02T15:52:30.629391Z

Client	Server	
	📋 FTP 150 Data Connection 📋 Ok to send data.	Frame 36 | 2019-04-02T15:52:30.631617Z
	🔗 TCP (FIN, ACK)	Frame 38 | 2019-04-02T15:52:30.632028Z
	🔗 TCP (FIN, ACK)	Frame 40 | 2019-04-02T15:52:30.633092Z
	✅ FTP 226 Transfer Complete 📋 Transfer complete.	Frame 42 | 2019-04-02T15:52:30.634632Z
	📂 FTP SITE 📋 UTIME 20190325225621 R3.cfg	Frame 44 | 2019-04-02T15:52:30.635173Z
	🚫 FTP 500 Error 📋 Unknown SITE command.	Frame 45 | 2019-04-02T15:52:30.635866Z
	📂 FTP SITE 📋 UTIME R3.cfg 20190325225621 20190325225621 20190325225621 UTC	Frame 46 | 2019-04-02T15:52:30.636133Z
	🚫 FTP 500 Error 📋 Unknown SITE command.	Frame 47 | 2019-04-02T15:52:30.63698Z
	🔧 FTP TYPE 🔧 Mode A	Frame 48 | 2019-04-02T15:52:30.637442Z
	✅ FTP 200 📋 Switching to ASCII mode. 📂 CWD /home/ftpuser/ftp	Frame 49 | 2019-04-02T15:52:30.638227Z
	🔗 FTP EPRT 🔗 |2|fc00 10:1:4::4|40435|	Frame 50 | 2019-04-02T15:52:30.638456Z
	✅ FTP 200 📋 EPRT command successful. Consider using EPSV. 📂 CWD /home/ftpuser/ftp	Frame 51 | 2019-04-02T15:52:30.639157Z
	📋 FTP LIST	💡 Request directory listing — server opens data connection to send file list
	🔗 TCP (SYN)	Frame 53 | 2019-04-02T15:52:30.640269Z
	🔗 TCP (SYN, ACK)	Frame 54 | 2019-04-02T15:52:30.640449Z
	📋 FTP 150 Data Connection 📋 Here comes the directory listing.	Frame 56 | 2019-04-02T15:52:30.641471Z
	🔗 TCP (FIN, ACK)	Frame 58 | 2019-04-02T15:52:30.641928Z
	🔗 TCP (FIN, ACK)	Frame 60 | 2019-04-02T15:52:30.642768Z
	✅ FTP 226 Transfer Complete 📋 Directory send OK.	Frame 62 | 2019-04-02T15:52:30.643605Z
	🛑 FTP QUIT	💡 Close FTP session — server responds 221 and drops connection
	👋 FTP 221 Goodbye	Frame 65 | 2019-04-02T15:52:30.645045Z
	🔗 TCP (FIN, ACK)	Frame 66 | 2019-04-02T15:52:30.645278Z
	🔗 TCP (FIN, ACK)	Frame 67 | 2019-04-02T15:52:30.645758Z