💻 Mail Client | 🔍 DNS Resolver | 📧 Mail Server

📁 **imap4_search_fetch.pcapng**

🔍 DNS Query — Frame 1 | 2021-01-20T14:59:07.164094Z

🔍 Name	mail.njrusmc.net
🏷️ Type	A (1) (Host Address)

✅ DNS Response — Frame 2 | 2021-01-20T14:59:07.214144Z

🔍 Name	mail.njrusmc.net
🏷️ Type	A (1) (Host Address)
⏱️ TTL	10 (10 seconds)
🌐 Address	52.91.199.108
⏱️ Response Time	50.050000 milliseconds

🔗 TCP (SYN) — Frame 3 | 2021-01-20T14:59:07.223872Z

📤 Source Port	58607
📥 Destination Port	143

🔗 TCP (SYN, ACK) — Frame 4 | 2021-01-20T14:59:07.239181Z

📤 Source Port	143
📥 Destination Port	58607

🔗 TCP (ACK) — Frame 5 | 2021-01-20T14:59:07.239275Z

📤 Source Port	58607
📥 Destination Port	143

🔗 TCP (PSH, ACK) — Frame 6 | 2021-01-20T14:59:07.253904Z

📤 Source Port	143
📥 Destination Port	58607

🔗 TCP (ACK) — Frame 7 | 2021-01-20T14:59:07.254008Z

📤 Source Port	58607
📥 Destination Port	143

📋 IMAP CAPABILITY — 💡 Query server capabilities — returns supported extensions (IDLE, UIDPLUS, NAMESPACE, etc.)

🏷️ Request Tag	GCKP0

🔗 TCP (ACK) — Frame 9 | 2021-01-20T14:59:07.268052Z

📤 Source Port	143
📥 Destination Port	58607

✅ IMAP OK — Frame 10 | 2021-01-20T14:59:07.268457Z

🏷️ Response Tag	GCKP0
📋 Response Command	CAPABILITY
⏱️ Response Time	14.239000 milliseconds

🔗 TCP (ACK) — Frame 11 | 2021-01-20T14:59:07.268562Z

📤 Source Port	58607
📥 Destination Port	143

🔐 IMAP LOGIN — 💡 Authenticate to the mail server (credentials sent in cleartext without TLS)

🏷️ Request Tag	GCKP1
👤 Request Username	ubuntu

🔗 TCP (ACK) — Frame 13 | 2021-01-20T14:59:07.28499Z

📤 Source Port	143
📥 Destination Port	58607

✅ IMAP OK — Frame 14 | 2021-01-20T14:59:07.297628Z

🏷️ Response Tag	GCKP1
📋 Response Command	LOGIN
⏱️ Response Time	28.771000 milliseconds

🔗 TCP (ACK) — Frame 15 | 2021-01-20T14:59:07.297713Z

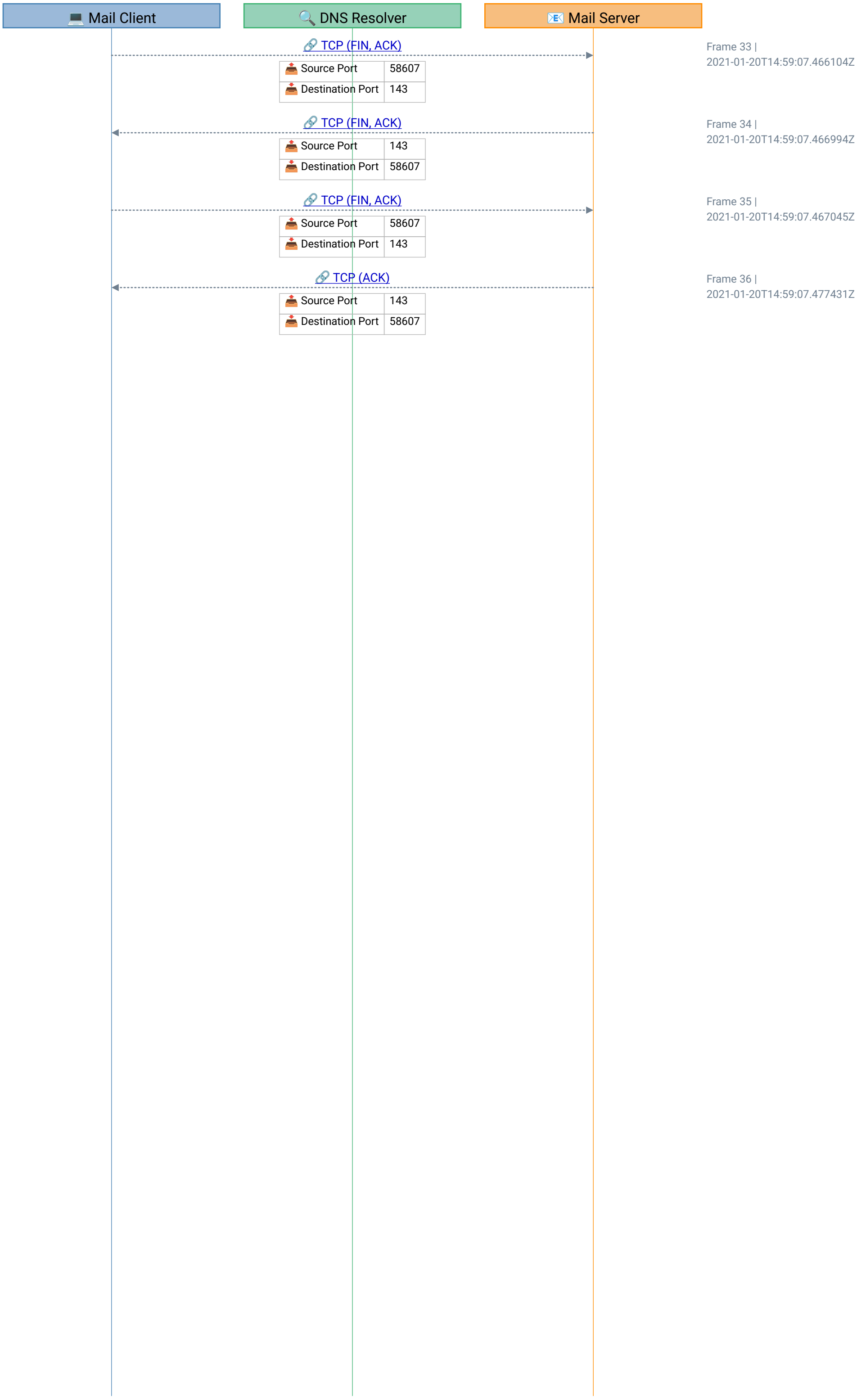
📤 Source Port	58607
📥 Destination Port	143

📂 IMAP SELECT — 💡 Open a mailbox folder for read/write — server returns message count and flags

🏷️ Request Tag	GCKP2

💻 Mail Client	🔍 DNS Resolver	📧 Mail Server

📂 Request Folder	INBOX	
🔗 TCP (PSH, ACK)		Frame 17 | 2021-01-20T14:59:07.349284Z
📤 Source Port	58607	
📥 Destination Port	143	
🔗 TCP (ACK)		Frame 18 | 2021-01-20T14:59:07.419069Z
📤 Source Port	143	
📥 Destination Port	58607	
🔗 TCP (ACK)		Frame 19 | 2021-01-20T14:59:07.419465Z
📤 Source Port	143	
📥 Destination Port	58607	
✅ IMAP OK		Frame 20 | 2021-01-20T14:59:07.420152Z
🏷️ Response Tag	GCKP2	
📋 Response Command	[READ-WRITE]	
⏱️ Response Time	122.210000 milliseconds	
🔗 TCP (ACK)		Frame 21 | 2021-01-20T14:59:07.420235Z
📤 Source Port	58607	
📥 Destination Port	143	
🔍 IMAP SEARCH		💡 Search for messages matching criteria — returns list of message sequence numbers
🏷️ Request Tag	GCKP3	
📂 Request Folder	ALL	
🔗 TCP (ACK)		Frame 23 | 2021-01-20T14:59:07.436457Z
📤 Source Port	143	
📥 Destination Port	58607	
✅ IMAP OK		Frame 24 | 2021-01-20T14:59:07.436781Z
🏷️ Response Tag	GCKP3	
📋 Response Command	SEARCH	
⏱️ Response Time	16.166000 milliseconds	
🔗 TCP (ACK)		Frame 25 | 2021-01-20T14:59:07.436849Z
📤 Source Port	58607	
📥 Destination Port	143	
📬 IMAP FETCH		💡 Download message data (headers, body, or specific parts) from the server
🏷️ Request Tag	GCKP4	
🔗 TCP (ACK)		Frame 27 | 2021-01-20T14:59:07.449206Z
📤 Source Port	143	
📥 Destination Port	58607	
✅ IMAP OK		Frame 28 | 2021-01-20T14:59:07.449441Z
🏷️ Response Tag)		
🏷️ Response Tag	GCKP4	
📋 Response Command	FETCH	
⏱️ Response Time	12.374000 milliseconds	
🔗 TCP (ACK)		Frame 29 | 2021-01-20T14:59:07.449541Z
📤 Source Port	58607	
📥 Destination Port	143	
🛑 IMAP LOGOUT		💡 End IMAP session — server responds with BYE and closes connection
🏷️ Request Tag	GCKP5	
✅ IMAP OK		Frame 31 | 2021-01-20T14:59:07.465778Z
🏷️ Response Tag	GCKP5	
📋 Response Command	LOGOUT	
⏱️ Response Time	15.936000 milliseconds	
🔗 TCP (ACK)		Frame 32 | 2021-01-20T14:59:07.465894Z
📤 Source Port	58607	
📥 Destination Port	143	


Mail Client
DNS Resolver
Mail Server
TCP (FIN, ACK)
Source Port 58607
Destination Port 143
Frame 33 | 2021-01-20T14:59:07.466104Z
TCP (FIN, ACK)
Source Port 143
Destination Port 58607
Frame 34 | 2021-01-20T14:59:07.466994Z
TCP (FIN, ACK)
Source Port 58607
Destination Port 143
Frame 35 | 2021-01-20T14:59:07.467045Z
TCP (ACK)
Source Port 143
Destination Port 58607
Frame 36 | 2021-01-20T14:59:07.477431Z