💻 Mail Client | 🔍 DNS Resolver | 📧 Mail Server

📁 **smtp_ehlo.pcapng**

🔍 DNS Query — Frame 1 | 2021-01-20T13:30:52.189023Z

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

✅ DNS Response — Frame 2 | 2021-01-20T13:30:52.254605Z

🔍 Name	mail.njrusmc.net
🏷️ Type	A (1) (Host Address)
⏱️ TTL	10 (10 seconds)
🌐 Address	52.91.199.108
⏱️ Response Time	65.582000 milliseconds

🔗 TCP (SYN) — Frame 3 | 2021-01-20T13:30:52.266077Z

📤 Source Port	56687
📥 Destination Port	25

🔗 TCP (SYN, ACK) — Frame 4 | 2021-01-20T13:30:52.276861Z

📤 Source Port	25
📥 Destination Port	56687

🔗 TCP (ACK) — Frame 5 | 2021-01-20T13:30:52.276946Z

📤 Source Port	56687
📥 Destination Port	25

🤝 SMTP 220 Ready — 💡 Server is ready to accept mail — announces its hostname and software

🏷️ Response parameter	ip-172-31-91-117.ec2.internal ESMTP Postfix (Ubuntu)

🔗 TCP (ACK) — Frame 7 | 2021-01-20T13:30:52.295665Z

📤 Source Port	56687
📥 Destination Port	25

🤝 SMTP ehlo — 💡 Client introduces itself to the mail server; EHLO enables ESMTP extensions

🏷️ Hostname	devbox

🔗 TCP (ACK) — Frame 9 | 2021-01-20T13:30:52.311492Z

📤 Source Port	25
📥 Destination Port	56687

✅ SMTP 250 — Frame 10 | 2021-01-20T13:30:52.31164Z

📋 Response parameter	ip-172-31-91-117.ec2.internal
📋 Response parameter	PIPELINING
📋 Response parameter	SIZE 10240000
📋 Response parameter	VRFY
📋 Response parameter	ETRN
📋 Response parameter	STARTTLS
📋 Response parameter	ENHANCEDSTATUSCODES
📋 Response parameter	8BITMIME
📋 Response parameter	DSN
📋 Response parameter	SMTPUTF8
📋 Response parameter	CHUNKING

🔗 TCP (ACK) — Frame 11 | 2021-01-20T13:30:52.311751Z

📤 Source Port	56687
📥 Destination Port	25

🛑 SMTP QUIT — Frame 12 | 2021-01-20T13:30:52.312524Z

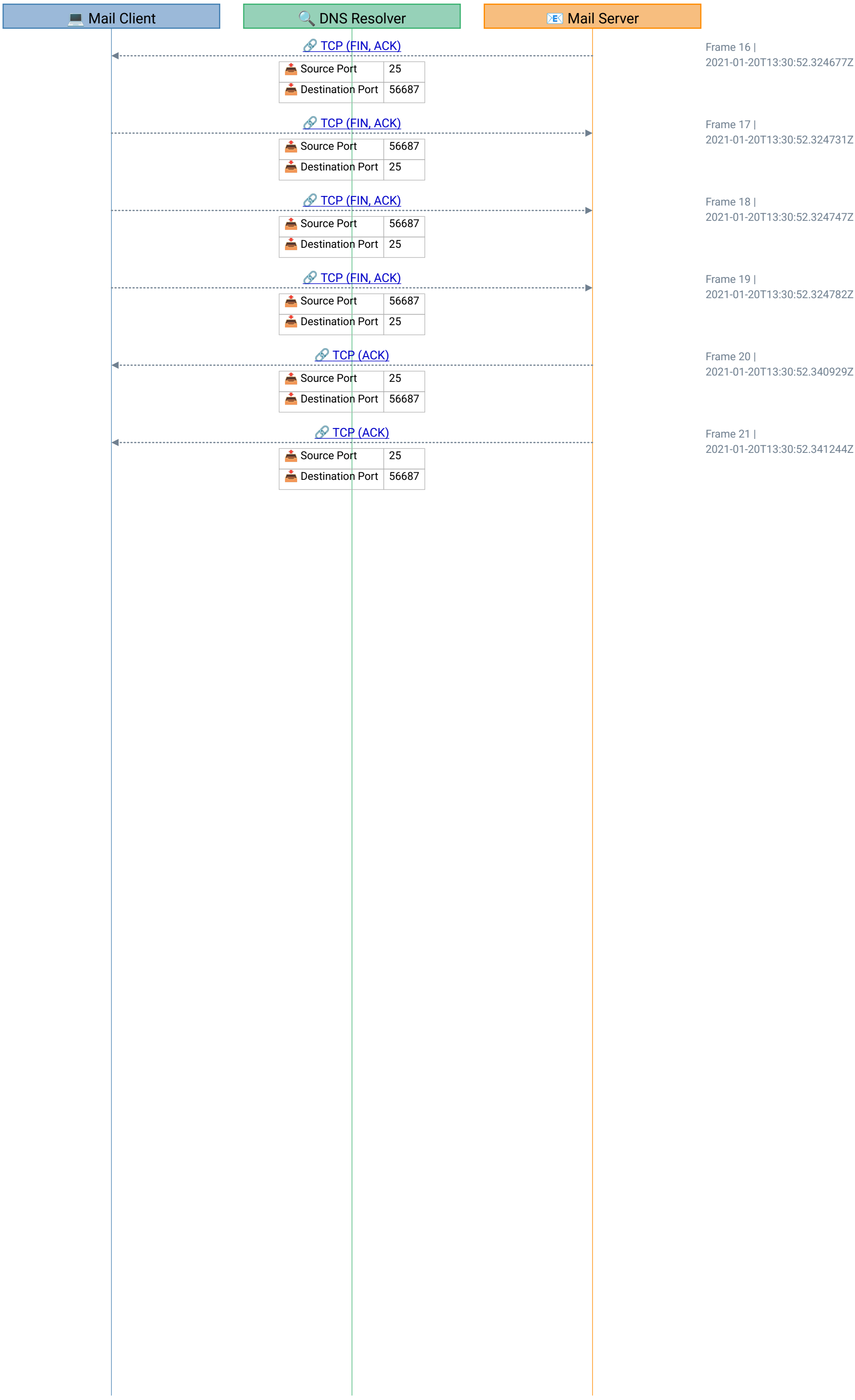
🔗 TCP (ACK) — Frame 13 | 2021-01-20T13:30:52.323581Z

📤 Source Port	25
📥 Destination Port	56687

👋 SMTP 221 Closing — 💡 Server confirms session end — TCP connection will close

🔗 TCP (ACK) — Frame 15 | 2021-01-20T13:30:52.324543Z

📤 Source Port	56687
📥 Destination Port	25


Mail Client
DNS Resolver
Mail Server
TCP (FIN, ACK)
Source Port 25
Destination Port 56687
Frame 16 | 2021-01-20T13:30:52.324677Z
TCP (FIN, ACK)
Source Port 56687
Destination Port 25
Frame 17 | 2021-01-20T13:30:52.324731Z
TCP (FIN, ACK)
Source Port 56687
Destination Port 25
Frame 18 | 2021-01-20T13:30:52.324747Z
TCP (FIN, ACK)
Source Port 56687
Destination Port 25
Frame 19 | 2021-01-20T13:30:52.324782Z
TCP (ACK)
Source Port 25
Destination Port 56687
Frame 20 | 2021-01-20T13:30:52.340929Z
TCP (ACK)
Source Port 25
Destination Port 56687
Frame 21 | 2021-01-20T13:30:52.341244Z