



# NETWORK TRAFFIC ANALYSIS

Forensic Investigation Report

Case ID:	CASE-20260113-112942
Analyst:	Emrys
Evidence File:	2022-MTA-workshop-intro.pcap
Report Generated:	2026-01-13T11:29:43

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# Executive Summary

Network traffic analysis was conducted on the provided PCAP file. The analysis identified 2 unique source IP addresses and 2 unique destination IP addresses. No significant suspicious activity was detected during the analysis.

## Evidence Integrity Verification

### ✓ Evidence Hash Verified

Hash Algorithm	Hash Value
SHA-256	d3e580a2f34cb6b261c41ffd45109ad9fb44fa52142bd7170e13b112ad2beed0
MD5	e32f21d2458cbf8cb078ffba3fcf85a0

**File Size:** 397,884 bytes

**Verified:** 2026-01-13T11:29:42.931473

# Complete IP Address Inventory

## Source IP Addresses

No source IPs found.

## Destination IP Addresses

No destination IPs found.

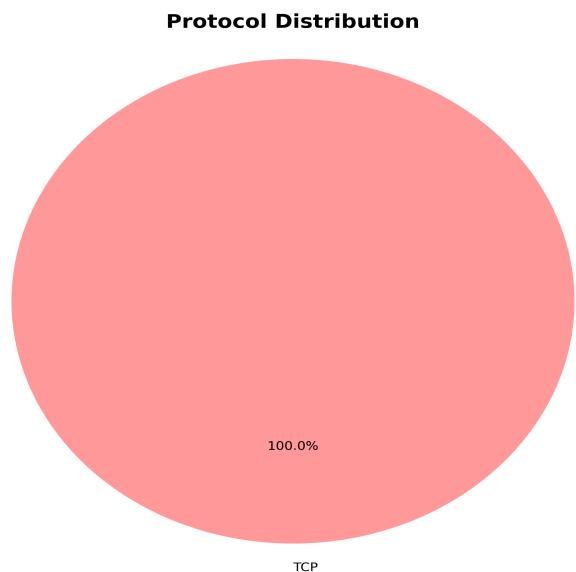
**Total Unique Source IPs:** 2

**Total Unique Destination IPs:** 2

# Protocol Distribution Analysis

Protocol	Packet Count	Percentage
TCP	528	100.00%

**Protocol Distribution Chart**



# Suspicious Activity Analysis

✓ No suspicious activity detected.

# Chain of Custody Documentation

#	Timestamp	Action	Analyst	Notes
1	2026-01-13T11:29:42	Evidence Acquired	Emrys	PCAP file loaded for analysis. SHA256: d...
2	2026-01-13T11:29:42	Hash Calculated	Emrys	SHA256 and MD5 hashes generated for inte...
3	2026-01-13T11:29:43	Analysis Started	Emrys	Loaded 528 packets for analysis

--- End of Report ---

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