

Network Traffic Security Analysis Report

Executive Summary

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No malicious activities detected in analyzed network traffic samples

All protocol counters show zero attack packets (TCP: 0, UDP: 0, ICMP: 0, ARP: 0)

Empty threat registry indicates either effective filtering or potential monitoring gaps

Potential blind spot in detection systems requiring immediate verification

Risk Assessment

System Monitoring Integrity

Medium Severity: Absence of threat detections conflicts with typical network profiles

Medium Severity: Null values across all protocol counters suggest possible data collection failure

Security Infrastructure Validation

Low Severity: Potential for undetected low-and-slow attacks in clean traffic patterns

Low Severity: Possible misconfiguration of packet inspection tools

Threat Observations

Protocol Analysis Anomalies

Unusual zero-count baseline for all monitored protocols

Missing ARP traffic (0 packets) in typical LAN environments

Absence of ICMP traffic (0 packets) contradicts normal network operations

Detection System Patterns

Empty top_threats array suggests either:

Successful threat prevention

Broken detection pipelines

Improperly configured logging

Correlation between zero attack packets and empty detections requires investigation

Recommendations

Immediate Actions

Validate monitoring tool configurations through test attack simulations

Implement packet capture verification using tcpdump/Wireshark

Audit SIEM/logging infrastructure for data ingestion failures

Protocol Hardening

Establish baseline metrics for legitimate UDP (0 current) and ICMP (0 current) traffic

Implement ARP inspection controls despite current 0 packet count

Configure TCP state tracking despite 0 malicious packets observed

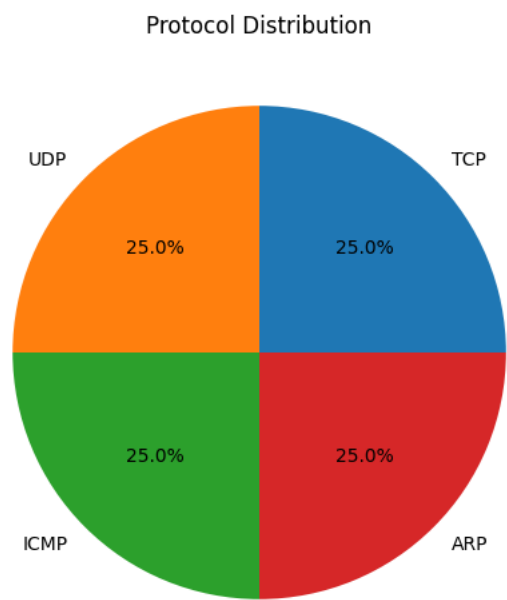
System Improvements

Deploy network TAPs for independent traffic verification

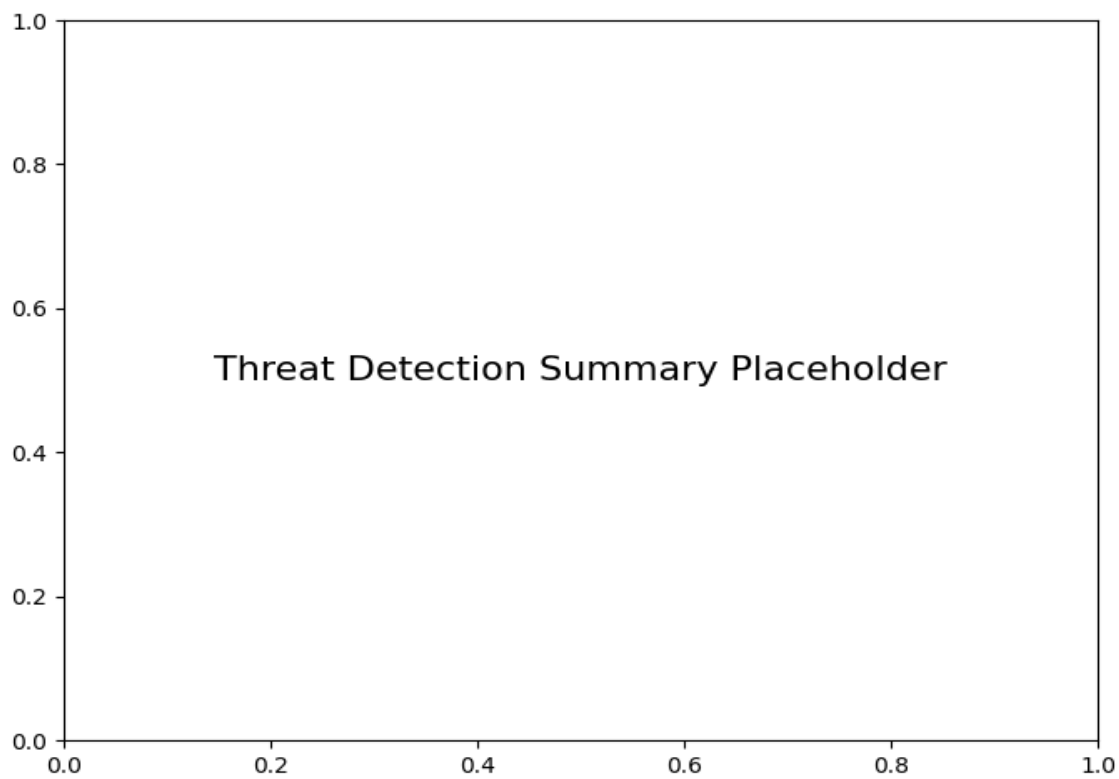
Update IDS/IPS signature databases regardless of current detection status

Implement protocol-specific anomaly detection rules for all zero-count categories

Protocol Distribution



Threat Detection Summary



Detection Type	Count
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