

Network Traffic Analysis Report

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Executive Summary

This report presents an analysis of network traffic captured on the **br-app** Linux bridge connecting multiple microservices implemented using network namespaces. The goal is to validate service-to-service communication, protocol usage, and identify top traffic sources within the application architecture.

Service Traffic

source	destination	packets
192.168.56.104	nginx-lb	18
api-gateway	nginx-lb	15
api-gateway	product-service	7
nginx-lb	192.168.56.104	12
nginx-lb	api-gateway	21
product-service	api-gateway	5
product-service	redis-cache	5
redis-cache	product-service	3

Protocol Distribution

protocol	packets
TCP	86

Top Talkers

service	packets
nginx-lb	33
api-gateway	22
192.168.56.104	18
product-service	10
redis-cache	3

Traffic Visualization



