

Mirroring traffic via a splitter



Overview

It is possible to divide the traffic between these backends using Traffic Splitting, but it is also possible to mirror requests to another Service instead. Request mirroring is accomplished using Gateway API's `HTTPRequestMirrorFilter` on the `HTTPRoute`. Blue-green deployments are an effective strategy to migrate your applications to new GKE clusters with minimal risk. The Sampled Traffic Mirroring feature was introduced. The mirroring of packets to multiple destinations is also known as multipacket port mirroring. This guide will walk you through installing and configuring Linkerd so that two clusters can talk to services hosted on both. You can then send the traffic to out-of-band security and monitoring appliances for: The security and monitoring appliances can be deployed as individual.



Article Content

Aug 22, 2025

[gateway/site/content/en/v1.8/tasks/traffic/http-request-mirroring.md](#) at ...

It is possible to divide the traffic between these backends using Traffic Splitting, but it is also possible to mirror requests to another Service instead. Request mirroring is accomplished using Gateway API's

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Traffic Mirroring Techniques with auth proxy clusters audited for GDPR

Implementing traffic mirroring techniques in conjunction with auth proxy clusters offers organizations a robust framework for network visibility, security, and compliance.

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Mirror production traffic to test environment with VPC

Many organizations want to replay production traffic to a test environment, with no impact on the end user's experience. This is known as

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Traffic Mirroring Techniques with load test benchmarks that meet ...

Traffic Mirroring Techniques with Load Test Benchmarks that Meet Compliance Thresholds Introduction In a rapidly evolving tech landscape, ensuring robust network performance,

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Configuring Port Mirroring for Multiple Destinations

On an MX Series router and on an EX Series switch, you can mirror traffic to multiple destinations by configuring next-hop groups in Layer 2 port

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Traffic Mirroring example configuration scenarios

To mirror traffic from multiple network interfaces, see VPC Traffic Mirroring Source Automation Application on github. Example: Mirror inbound TCP traffic to a single

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Mirror | FortiSwitch 7.2.10 | Fortinet Document Library

Mirror Packet mirroring allows you to collect packets on specified ports and then send them to another port to be collected and analyzed. All FortiSwitch models support switched port

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Port Mirroring Explained

Port mirroring is a way of copying network traffic from one port or device to another port or device for analysis or monitoring purposes. It can help you troubleshoot

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The Ultimate Guide to Port Mirroring: Everything you

Learn everything you need to know about port mirroring, including how it works, use cases, and best practices for optimizing your network

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Interface and Hardware Component Configuration Guide

Learn to configure traffic mirroring with SPAN, ACLs, rate limits, and file mirroring, in one comprehensive guide.

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What is Traffic Mirroring?

Learn about Traffic Mirroring and how to use it to copy network traffic to security and monitoring appliances.

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Configuring Traffic Mirroring

Configuring Traffic Mirroring This module describes the configuration of the traffic mirroring feature. Traffic mirroring is sometimes called port mirroring, or switched port analyzer (SPAN). You can then

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Deploy a multi-cluster Gateway for weighted traffic splitting

In this example, you'll demonstrate how to use weight-based traffic splitting to explicitly control the traffic proportion across two GKE clusters. This example goes through some realistic...

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Multi-cluster communication | Linkerd

Multi-cluster communication This guide will walk you through installing and configuring Linkerd so that two clusters can talk to services hosted on both. There are a lot of moving parts and concepts here,

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Port Mirroring Explained: How Network Traffic Analysis

How Does Port Mirroring Work? Port mirroring works by having a network switch copy traffic from selected interfaces and send those duplicates to

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Traffic Mirroring Techniques with service graph visualization for ...

Before diving into traffic mirroring and service graph visualization, it's essential to understand what hybrid applications are. A hybrid application combines elements from both native apps (built

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HTTPRoute Request Mirroring | Envoy Gateway

The HTTPRoute resource allows one or more backendRefs to be provided. Requests will be routed to these upstreams. It is possible to divide the traffic between these backends using Traffic

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How Traffic Mirroring works

Traffic Mirroring copies inbound and outbound traffic from the network interfaces that are attached to your instances. You can send the mirrored traffic to the network interface of another instance, a

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Traffic Mirroring Configuration

All the traffic on the source port will be mirrored to destination port. Either traffic received on the source port or traffic transmitted from the source port or both can be monitored.

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Ethernet Splitters 101: Everything You Need to Know

Ethernet splitters explained: how they work, when to use them, and why switches are better for high-speed networks. Learn the facts before you buy.

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Ethernet Splitter Basics: How It Works & When to Use One

Discover how an Ethernet splitter works, when to use it, and the drawbacks to watch out for. Get tips to choose the best splitter for your network setup.

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Network Switch Port Mirroring vs. Network TAP

Network switch port mirroring, however, can have a negative performance impact on the switch itself, sometimes affecting network traffic.

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What Is Traffic Mirroring And How It Works?

Learn how traffic mirroring works, how attackers exploit it for data exfiltration, and how to detect suspicious mirrored traffic in cloud environments.

Jun 12, 2026

Traffic split feature and its behavior with multicluster service ...

Hi, I have a question regarding the TrafficSplit feature and its behavior with multicluster service mirroring: Cluster A hosts a service named foo. On my end, I tested this setup, and it seems

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Getting Started with Traffic Mirroring

Getting Started with Traffic Mirroring This chapter introduces traffic mirroring, key concepts, traffic mirroring types, and key terminology. Users can learn about how traffic mirroring works to enable

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Traffic Mirroring Techniques with load test benchmarks used by site ...

Today, traffic mirroring is not just a niche operation; it's a cornerstone of proactive reliability engineering, facilitating comprehensive load testing, identifying performance bottlenecks,

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port mirroring with ethernet splitter?

I have cisco ASA5510 which does not have port mirroring cabability, the 5505's do. I wish to attach a sniffing device for the outside port traffic. Would an ethernet splitter help achieve this?

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Configuring Traffic Mirroring

Traffic mirroring (also called port mirroring or Switched Port Analyzer) is a Cisco proprietary feature that enables you to monitor Layer 2 or Layer 3 network traffic entering or leaving a set of

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