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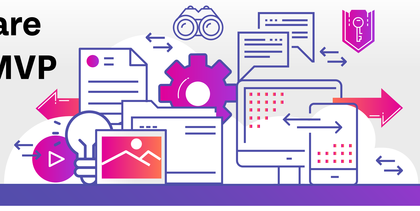
Packets are Still the MVP



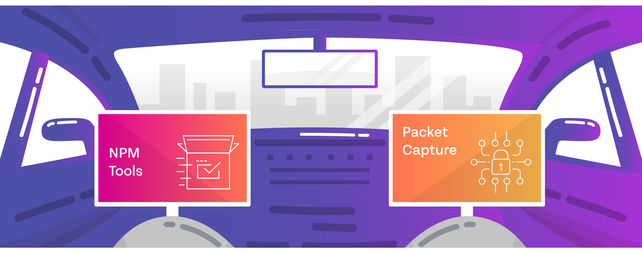
According to Gartner, interest in packet capture is on the decline.

The reasons Gartner cites:

Packet capture is growing in difficulty — and cost.

Packet capture doesn't have a place in cloud-native/cloud-first environments.

Gartner wants to leave packet capture in the rearview, but that viewpoint is a little short-sighted. Let's clean the mirrors and take a good look at packet capture and NPM tools.



Nothing Beats Packet Capture

When it comes to network visibility, packet capture is miles ahead of other network metrics and collection methods. Compared to packet capture, tracking payload times, retransmission delay (RTCC), and connection setup times aren't as reliable or detailed.

Packet capture offers:

Precise Network Visibility:

IT teams can use packet data to reconstruct events and quickly investigate incidents.

Sub-second Granularity:

Packets update every second, which means they catch small bandwidth usage fluctuations.

Rich Application Data:

The data from packets contains information from every network transaction, including applications. Teams can use this to identify application issues.

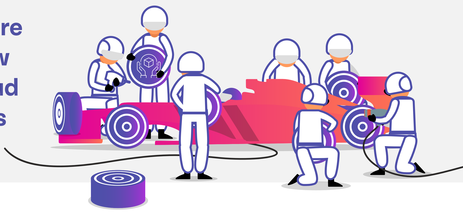
Segment Analysis:

Packets provide concurrent analysis for similar packets sent across various network links, helping diagnose the health and performance of individual segments.

Network Activity Reporting

IT teams using packet data get the most information on network activity — not just summary metadata.

Packet capture in the pit crew of hybrid cloud environments



While organizations are racing to adopt cloud assets, processes, and operations, the transition to cloud is far from complete. Until then, packet capture is still a valuable member of the hybrid cloud pit crew.

When it comes to digital transitions, **82% of organizations** are somewhere in the middle — they're using a hybrid-cloud approach that combines their legacy on-premise infrastructure and newer cloud resources.

Here's where packet capture helps:

The rich application data packets provide can help track performance and health in cloud applications and legacy resources.

Packet capture's segment analysis makes it easier to pinpoint issues across the various links of a hybrid network infrastructure.

Riverbed enables organizations to transform data into actionable insights and accelerate performance for a seamless digital experience. Riverbed offers two industry-leading portfolios:

The Riverbed AIOps platform is AI-powered and enables organizations to unify data, actions, and insights across the entire digital ecosystem. With Riverbed, companies can optimize their digital experiences, enhance operational efficiency, and drive performance and business growth.

Riverbed Acceleration solutions empower users to harness the full potential of enterprise applications and services, regardless of their location. With Riverbed Acceleration, users experience peak speed and seamless performance, enabling them to maximize productivity and enjoy better digital experiences.

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Ready to put the pedal to the metal and leverage packet capture in your hybrid network?

Check out Riverbed's packet capture tools.