



PRESS INFORMATION

Firmware Release 2.4.0: Network Measurement from Allegro Packets now Supports ERSPAN

Leipzig, 08.08.2019 - With the new firmware Release 2.4.0 Allegro Packets (www.allegro-packets.com) extends the functionality of its Allegro Network Multimeter by a number of additional analysis modules.

ERSPAN Support as Transmitter and Receiver

The most important innovation is the support of ERSPAN, the mirror protocol used by Cisco and VMware vSphere switches among others, which is based on IP and GRE and can therefore be routed over a WAN. The Allegro Network Multimeter can now send data directly to a terminal device via ERSPAN, allowing it to analyse traffic in real time. For example, it is possible to stream a live packet export to Wireshark. Also, the Allegro Packets appliance can now actively receive and analyse ERSPAN traffic.

The screenshot shows a web-based configuration window titled "Choose capture settings". At the top, there is a warning message: "A packet ring buffer filter is active. Some packets may not have been buffered." Below this, the "Start time" is set to "now" with a calendar icon. A row of time selection buttons includes "Yesterday", "Today", "1 hour ago", "10 min ago", "Now", "In 10 min", "In 1 hour", and "Tomorrow". The "End time" is set to "unlimited" with a calendar icon. A second row of time selection buttons includes "Yesterday", "Today", "1 hour ago", "10 min ago", "Now", "In 10 min", "In 1 hour", and "Unlimited". The "Capture type" is set to "ERSPAN" in a dropdown menu. The "ERSPAN target address" is entered as "10.54.0.170". At the bottom, it shows "Selected capture duration: unlimited" and two buttons: "Cancel" (orange) and "Start capture" (blue).

With the new ERSPAN feature, Allegro Packets adds an important feature to the functionality of its measurement technology. Many data centers use ERSPAN for their central monitoring of network traffic.



"We are pleased to be able to offer our customers the new ERSPAN functionalities," said Klaus Degner, Managing Director of Allegro Packets. "We now enable them to monitor and debug their networks even more conveniently. In addition, we are significantly expanding our customer base."

Additional Features of Release 2.4.0

In addition to the ERSPAN functionalities, the current Release contains the following enhancements:

- **Compression of the In-Memory DB:** With Release 2.4.0, the Allegro Network Multimeter compresses the internal In-Memory database without measurable performance loss. This increases the storage duration of the metadata by approximately 50 %.
- **Global connection view for subnets, ports and protocols:** There is a new 'Connections' module in the 'Transport' section. It displays all connections between any IP pairs and allows arbitrary filtering and sorting.
- **IPFIX export:** The Allegro software can create and send flow data via IPFIX. IPFIX collectors like Plixer, Riverbed, and many more are now supported. This means that the Allegro Network Multimeter can be used flexibly at any location for measurements via IPFIX, freeing routers from this task. In addition, this enables long-term statistics for IP addresses and connections.
- **Extended SIP statistics for audio level determination:** The IP module now displays extended RTP statistics with jitter, MOS, audio level and SSRC value. Additional buttons allow audio extraction of RTP audio data from supported codecs.
- **Advanced DNS statistics:** The DNS statistics now graphically display the response time per DNS server. This makes it easy to identify slow and incorrectly configured DNS servers.
- **Generic representation of RTP loss:** The RTP module now displays traffic counters, packet losses and jitter per IP.
- **NIC filter for IP pairs:** NIC filters can now also be defined for IP pairs and IP subnets.



- **Bandwidth events with duration:** The Allegro Network Multimeter can now report bandwidth events when bandwidth is exceeded for a defined time.

Allegro Packets continues to enhance its measurement technology. Our goal is to help users and network administrators to stay one step ahead of the fast-paced network market by continuously updating the Allegro platform and eliminating the need for major rebuilds. The new Release, Allegro 2.4.0, is now available for customers.

For more information on Allegro Packets products and services, please visit www.allegro-packets.com.

About Allegro Packets

The network analysis specialist Allegro Packets offers innovative troubleshooting and analysis products to solve network issues with the Allegro Network Multimeter family of appliances. The innovative features of Allegro products meet all requirements for information infrastructures. Customers include companies, data centers, IT service providers, system houses and ISPs. The Allegro Network Multimeter is developed entirely in Germany. This guarantees the customer efficient support and a swift, easy integration of new features.

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