

ERSPAN Deployment: ExtraHop and Garland Technology

Scenario

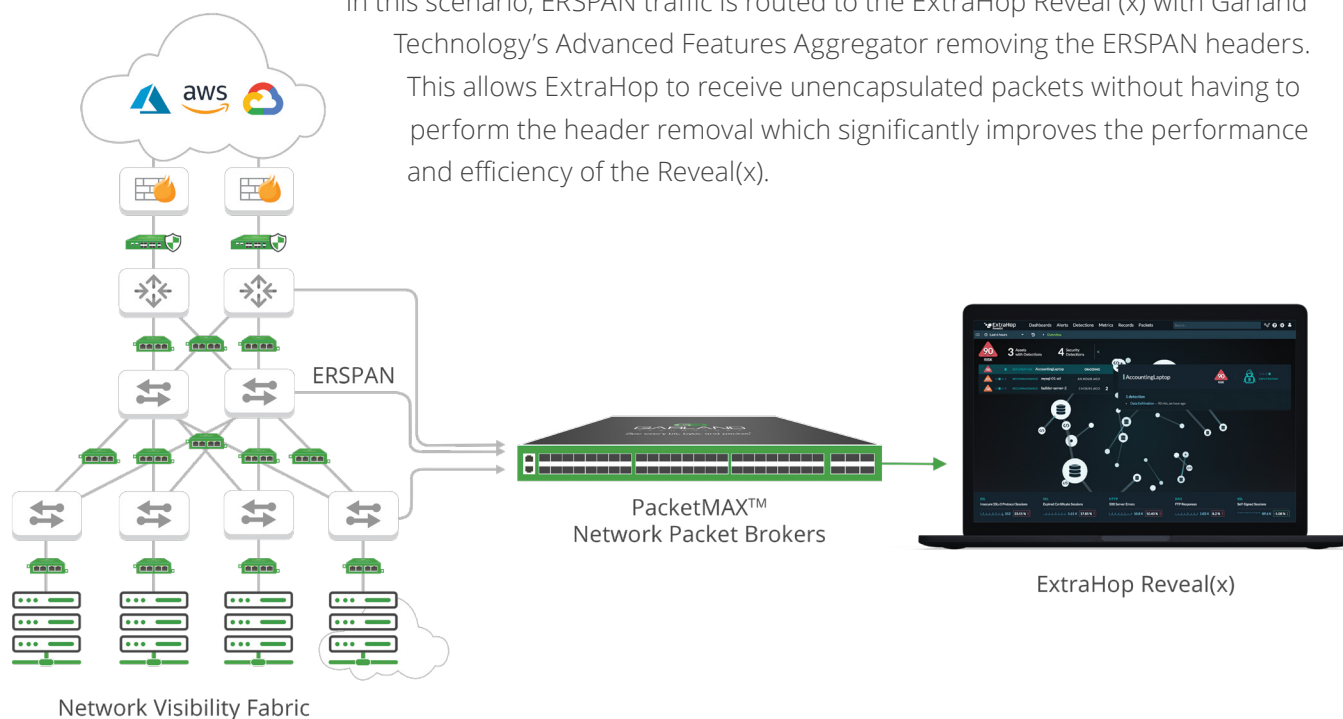
There are some ExtraHop customer opportunities where it is not feasible to obtain a direct SPAN such as shop floors and warehouses because the network/cabling may not have been designed with packet monitoring in mind. ERSPAN is a deployment option that provides for flexibility in acquiring the packets from these types of scenarios.

For customers that want to transport SPAN traffic using ERSPAN, the Garland PacketMAX™: Advanced Features product line allows the ExtraHop Reveal(x) to receive un-encapsulated packets without having to perform the header removal at a very cost effective price point.

The Deployment

ERSPAN is an acronym that stands for encapsulated remote switched port analyzer. ERSPAN mirrors traffic on one or more “source” ports and delivers the mirrored traffic to one or more “destination” ports on another switch. The traffic is encapsulated in generic routing encapsulation (GRE) and is therefore routable across a layer 3 network between the “source” switch and the “destination” switch.

In this scenario, ERSPAN traffic is routed to the ExtraHop Reveal (x) with Garland Technology's Advanced Features Aggregator removing the ERSPAN headers. This allows ExtraHop to receive unencapsulated packets without having to perform the header removal which significantly improves the performance and efficiency of the Reveal(x).



Garland PacketMAX™: Advanced Features

Advanced Features are part of Garland Technology's purpose-built network packet broker lines. These aggregators are built to extend the feature set of existing infrastructure and reduce the processing load to security and monitoring tools. Key features include:

- Hash-based load balancing, round-robin distribution, filtering and aggregation
- ERSPAN Tunnel Encapsulation, as well as GRE, L2GRE, and VxLAN
- Supports 1G/10G/40G/100G
- Time stamping
- Packet Slicing



Competitive Advantages

- Garland has affordable pricing and does not charge any additional per-port license or feature fees
- Garland's products work within existing infrastructures; no need to rip and replace
- Garland's TAP-to-Tool philosophy leaves more customer budget dollars for the ExtraHop tools

Need to discuss the technical objective of your project with a Garland Sales Engineer?

Our team at Garland has experienced network sales engineers available to work with the ExtraHop team to help solve network connectivity, visibility, and access to the Reveal(x).

To speak with a Garland Technology Sales Engineer in your territory please call or send an email to:

GARLAND TECHNOLOGY

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Have Questions?

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