GARLAND TECHNOLOGY
See every bit, byte, and packet®

GarlandPrisms
Cloud Visibility

DATA SHEET

Garland Prisms: Cloud Visibility vTAP

Traffic Mirroring 1:N Replication | Private Controller

Garland Prisms provides complete network visibility by delivering advanced packet visibility for security monitoring and packet inspection in your cloud environments

Today's virtual architecture and applications will not tolerate devices creating traffic bottlenecks and blindspots. Garland Prisms' vTAP out-of-band packet mirroring solution, enables your network-based tools to see deeper into your modern compute environments, providing visibility into Kubernetes and cloud environments without impacting performance or architectures and without modifying your deployment architectures.

Benefits

Capture traffic
- When and where you need it, including Kubernetes and Containers traffic

Replicate Traffic
- Enhance existing infrastructure based TAP/ mirroring, or fill the gap
- [1:N] to multiple destinations

Advanced Filtering and processing without impacting performance

Frictionless Deployment with simplified licensing

How It Works

Public Clouds
Garland Prisms complements native cloud mirrors, providing added visibility and replication [1:N] to multiple destinations, while allowing you to fuel your tools with visibility.

Kubernetes & Containers
Capture container and pod traffic then securely forward it to any tool for inspection and analysis. Sensors are deployed as a DaemonSet on Kubernetes nodes or as Docker containers on cloud instances, to capture and mirror out all traffic to and from containers.

Private Clouds & Data Centers
Re-enable out-of-band visibility in your private clouds with any tool for deep monitoring and inspection. Easily forward traffic with GRE/VXLAN encapsulation to any specified IP address.

Key Features

Platform agnostic
- Private (VMware, Hyper-V, KVM, etc) and public (AWS, Azure, etc) all work

Workload deployment
- Deploys to Linux via native service or container, to Kubernetes via DaemonSet and Windows via PowerShell

Traffic forwarding
- Easily forward traffic with GRE/ VXLAN encapsulation to any specified IP address

Advanced management
- Manage and control from GUI-based SaaS systems or a private secure system in-house

Have Questions?

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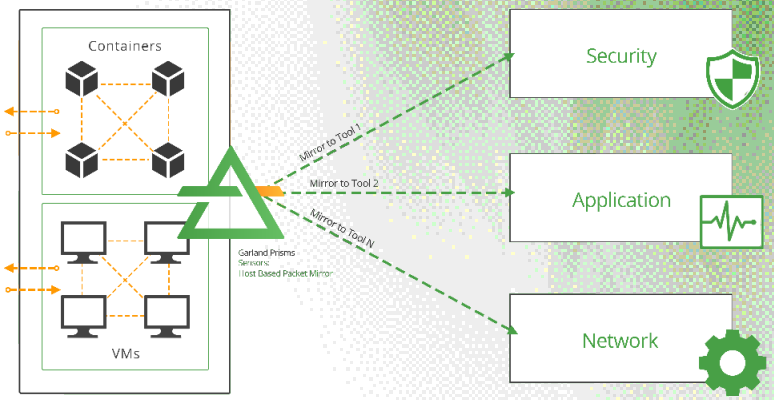
Garland Prisms: Cloud Visibility vTAP

Traffic Mirroring vTAP with 1:N Replication | Private Controller

Traffic Mirroring vTAP

How it works

Garland Prisms vTAP is a host-Based read-only sensor for packet mirroring. You can mirror traffic out of containers, VMs, and Kubernete workloads to your trusted monitoring tools. The sensor securely acquires traffic from your dynamic workloads, scaling with them so packets are never missed. With advanced filtering and processing, Garland Prisms lets you distribute the traffic to any routable IP address and replicate [1:N] to multiple destinations to accommodate your monitoring requirements.



Features	Benefits
Mirror VM traffic / VTAP	Provides total visibility into all inter-VM traffic. Allows mirroring and forwarding of traffic to physical packet brokers, virtual tools, and physical tools over standards-based tunnels. Traffic can be mirrored to multiple tools/locations.
VTAP (cloud sensor) (Hypervisor access not required)	Cloud Sensors allow organizations to mirror traffic from virtual machine(s) sitting on any cloud platform, as well as mirroring any encrypted inter-POD traffic in Kubernetes containerized environments. Enabling complete visibility of all East-West, Inter- VM and Inter-POD traffic
VTAP Filtering	Prisms sensors provide integrated filtering at L2-L4 reducing used bandwidth and allowing filtering of traffic to multiple destinations
Prisms Controller	Provides centralized management, allowing full deployment and control of the sensor environment. The controller communicates with sensors over an encrypted link, separate to the data plane, thereby keeping user and control data on completely different paths.
Hypervisor Independent	Prisms is a Kubernetes based environment and is independent of private cloud hypervisors, including VMware ESXI, Microsoft Hyper-V, KVM, and OpenStack KVM
Tool Independent	Mirrors traffic to any tool (physical or virtual) over secure standards-based tunnels
One Software Licence	The simplicity of ordering/implementation, single license supporting mirroring, key discovery, decryption

Model #	Description
GTVTAP1YRA	1 Year License Single Prisms Smart vTAP Agent for Public & Private Clouds 'A' Price Level applies to 10 licenses
GTVTAP1YRB	1 Year License single Prisms Smart vTAP Agent for Public & Private Clouds 'B' Price Level applies to 11-24 licenses
GTVTAP1YRC	1 Year License single Prisms Smart vTAP Agent for Public & Private Clouds 'C' Price Level applies to 25-49 licenses
GTVTAP1YRD	1 Year License single Prisms Smart vTAP Agent for Public & Private Clouds 'D' Price Level applies to 50-99 Licenses
GTVTAP1YRE	1 Year License single Prisms Smart vTAP Agent for Public & Private Clouds 'E' Price Level applies to 100-249 Licenses
GTVTAP1YRF	1 Year License single Prisms Smart vTAP Agent for Public & Private Clouds 'F' Price Level applies to 250-499 Licenses
GTVTAP1YRG	1 Year License single Prisms Smart vTAP Agent for Public & Private Clouds 'G' Price Level applies to 500-999 Licenses
GTVTAP1YRH	1 Year License single Prisms Smart vTAP Agent for Public & Private Clouds 'H' Price Level applies to 1000+ Licenses

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