

A large, decorative graphic consisting of a series of overlapping, wavy lines made of small dots, transitioning from teal to light green, set against a dark background.

EXTRAHOP TRACE APPLIANCES

PACKET CAPTURE, RE-IMAGINED

The ExtraHop Trace appliance dramatically reduces the amount of time, effort, and money required to perform packet-level analysis. By correlating wire data metrics with the underlying packets, ExtraHop delivers the granular filtering needed to rapidly locate only the packets that are needed for root-cause analysis or to fulfill chain-of-custody requirements.

KEY BENEFITS

WIRE DATA CORRELATION

Connecting real-time metadata with packets ExtraHop allows you to filter based on a metric, transaction, or user, eliminating the decades-old complaints about packet capture analysis—that it requires trial-and-error investigation. This correlation capability is unique to ExtraHop and made possible by the platform's real-time stream processing, which extracts metrics from data in flight.

FAST VISUAL SEARCH

With the ExtraHop visual query language and global search, you can rapidly get to answers without having to be an expert. With an intuitive UI and contextual information at your fingertips, anyone can play the role of a data scientist. Whether starting from a global view or investigating a single transaction, ExtraHop can get you to just the packets you need in a few clicks.

COMPLETELY INTEGRATED WORKFLOW

With a seamless experience that helps you discover everything on your network, explore every interaction, and trace down to the details, it's easier than ever to fix performance problems and investigate security events. Instead of having a series of disconnected tools that provide pieces of the answer, you can get the whole picture from a single platform. This level of visibility across all domains means you can lower costs and improve time to resolution by starting with ExtraHop.

The ExtraHop Trace appliance (ETA) can be deployed singly or as a cluster for increased traffic ingestion rates. A cluster of four ETA 8250 appliances can be ingest up to 100 Gbps of sustained throughput. Similarly, external storage units (ESU) can be added for increased packet storage capacity, up to 480 TB in total.

PHYSICAL

SPECIFICATIONS		ETA 8250	ESU-96TB
Packet Ingest	Throughput	ETA only: 10 Gbps ETA+1 or more ESU: 25 Gbps ¹	N/A
	Network Ports	Packet Capture Management	N/A N/A
Disks	Disks	12 x 8 TB (96 TB total)	12 x 8 TB (96 TB total)
	RAID configuration	RAID 6	RAID 6
Rack units	Rack units	2U	2U
	Height	8.68 cm (3.42 in.)	8.68 cm (3.42 in.)
	Width	43.4 cm (17.09 in.)	43.4 cm (17.09 in.)
	Depth	71.6 cm (28.17 in.)	71.6 cm (28.17 in.)
	Weight	33.1 kg (72.91 lb)	33.1 kg (72.91 lb)
	Power Supply	2 x 1100 W	2 x 750 W

¹ Up to 12.5M packets/sec

VIRTUAL

SPECIFICATIONS		ETA 6150v	ETA 1150v
Packet Ingest	Capture Throughput	10 Gbps ²	1 Gbps
Hardware Requirements	vCPUs	18	2
	RAM	64 GB	16 GB
	Firmware Disk	4 GB	4 GB
	Packet Store Disk	Configurable up to 25 TB ³ Minimum size is 1 TB	Configurable up to 4 TB ⁴ Minimum size is 50 GB
Virtual Network	Managment vNIC	1	1
	Capture vNIC	Up to 3	1 (Up to 1 Gbps capture rate)
	Capture modes	Port mirror, ERSPAN, RPCAP, VXLAN	Port mirror, ERSPAN, RPCAP, VXLAN
Supported Platforms		VMware	VMware, Azure, AWS

² Up to 800K packets/sec using two capture interfaces

³The packetstore virtual disk must support a write throughput of 10 Gbps. ExtraHop recommends dedicated storage and I/O channels for the packetstore.

⁴See platform-specific deployment guidance.