NEOX NETWORKS
NEXT GENERATION NETWORK VISIBILITY

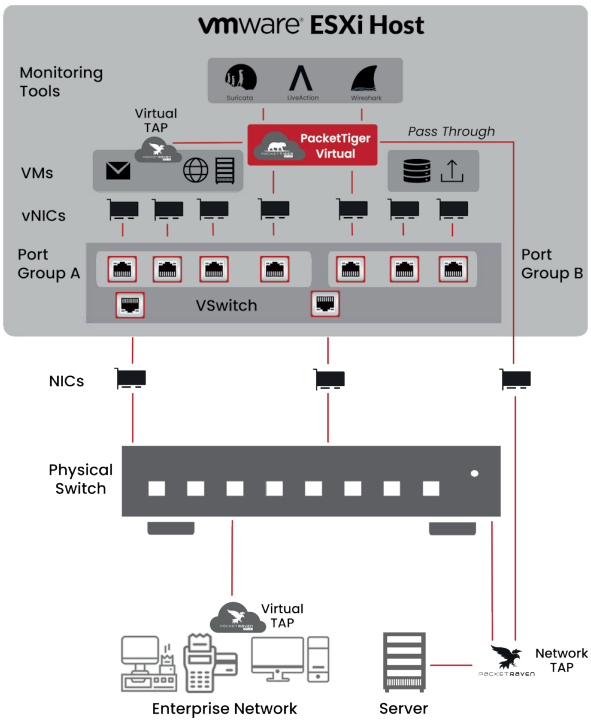
NEOXPacketTigerVirtual

MAXIMISE NETWORK VISIBILITY WITH OUR COST-EFFICIENT & VIRTUAL NEXT GENERATION NETWORK PACKET BROKER PLATFORM!

With our Network Packet Broker product family NEOXPacketTiger you do not compromise on security, performance and end-to-end quality of service. Today's network infrastructure has to do a lot, while functioning 24×7 without interruptions and providing critical applications with the necessary data connections. The advantages of virtual data centres, cloud solutions and SD-WAN technologies are obvious. Due to higher complexity of communication channels, you often lack transparency in both physical and virtual networks. But without this visibility, threats can go undetected and reduce the performance of your security and monitoring tools.

The increased shift from physical systems to virtual and hybrid environments presents network managers with unprecedented challenges when it comes to performance quality and enterprise security. Because of this migration to the cloud and virtual environments, your existing physical monitoring, analytics and security tools lose access to your critical network traffic, further degrading visibility. In addition, new solutions are currently being deployed in virtual form, posing another challenge to the network infrastructure.

With NEOXPacketTiger we provide you with a Network Packet Broker solution to meet the requirements for more visibility and transparency in both physical and virtual network environments. This gives SecOps and NetOps the comprehensive and necessary functions of a hybrid Network Packet Broker that you need for your security and monitoring tools.



KEY FEATURES

- Uniform network transparency across virtual and physical networks
- Connects with physical and virtual NICs
- Supports your cloud: VMware, Azure, AWS, OpenStack, Docker Container
- GTP Correlation + GTP inner IP Load Balancing + IMSI Filtering
- Several management options (CLI, SSH, SNMP V2/V3, WEB UI, Net CONF and REST API)
- Administration via NEOXPacketDirector

APPLICATION AREAS

- Providing network visibility for virtual network traffic
- Redirection of virtual network traffic to monitoring tools in physical and/or virtual environments
- Use of physical monitoring tools when migrating to virtual environments
- Optimise virtual and physical monitoring tools by filtering data
- Balance between physical and virtual monitoring tools

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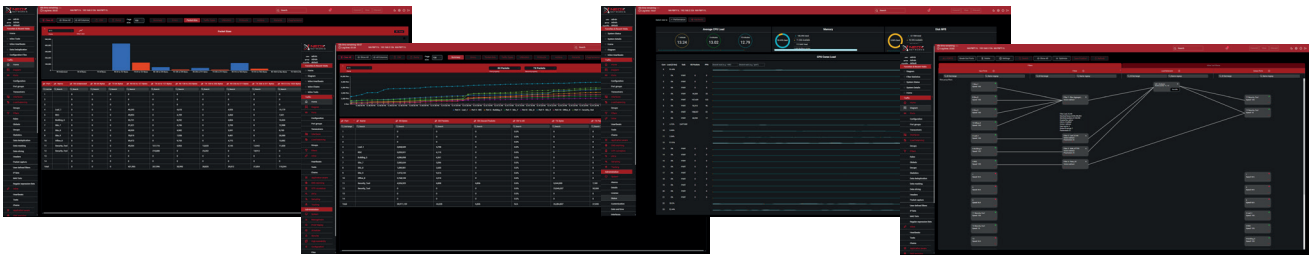
FEATURES	BENEFITS
Aggregation	Aggregate and redirect network traffic for further processing
Replication	Allow multiple tools to analyse the same traffic
Inner Tunnel Filtering	Filtering according to inner tunnel parameters (GTP, VXLAN, L2TP)
GRE Tunnelling	Interconnection of Packet Brokers across multiple sites using L3GRE & NVGRE protocol
Filtering	Filtering out unnecessary network traffic with conditional 5-tuple classifiers
User Defined Filters (UDF)	Track packets that match a specific "window" in incoming traffic
AND/OR/NOT Operatoren	Simplify the operation of the Packet Broker with logical filter actions
Copy	Enable orthogonal filter paths for the same network traffic
Regex Filtering	Identification and filtering of data traffic (stream- or packet-based) containing certain strings
Weighted Load Balancing	Distribute traffic across multiple tools and prevent over-subscription
Session Tracking	Track the entire session once the desired pattern has been identified
Port Labelling	Track packet path by adding VLAN tags that indicate its ingress port
Header Stripping	Remove headers (MPLS, VLAN, PPP, QinQ, VN-TAG, VXLAN, GRE, GTP, L2TP, Geneve)
Header Editing	Modify MAC, VLAN and IP headers
Deduplication	Maximize tool performance by eliminating duplicated packets
Data Masking	Protect sensitive data by overwriting it before it is sent to the tools
Packet Slicing	Reduce data overload by removing packet payload and/or any unnecessary data
Meta-data Extraction	Generate Metadata to Syslog or Kafka servers
Capping & Sampling	Reduce traffic by sampling traffic and/or limiting rates
Time Stamping	Enhances network visibility with nanosecond time stamping capabilities
De-Fragmentation	Assemble packet fragments to complete packets
Management	Web UI, SSH, CLI, SNMP, Net CONF, REST API
Cloud Support	VMware, Azure, AWS, OpenStack, Docker Container
DPI*	Perform Layer-7 filtering with Deep Packet Inspection (DPI) and and identify thousands of applications
Capture & Replay*	Capture PCAP files in filter granularity and replay for further analysis
IPFIX/NetFlow*	Generation and distribution of IPFIX/NetFlow flows

* Requires the purchase of a separate license



SKU	DESCRIPTION
NX-PBPT-VM	Software incl. 1 year maintenance & support - Subscription licence* includes the use of 2 CPU cores· Up to 10Gbit/s packet processing and forwarding speed.
NX-PBPT-L1	Extension of the subscription licence * by 1 CPU core· Worth up to 10Gbit/s packet processing and forwarding speed.
NX-PBPT-L5	Extension of the subscription licence * by 5 CPU cores · Worth up to 50Gbit/s packet processing and forwarding speed.
NX-PBPT-L10	Extension of the subscription licence* by 10 CPU cores · Worth up to 100Gbit/s packet processing and forwarding speed.

* The subscription license includes support and maintencance

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