SOLUTION BRIEF

Tenable & APCON

Getting Ahead of Security Risks

with Network Visibility and Security Solutions

APCON IntellaStore® Security Visibility Platform with Tenable Nessus™ Network Monitor

Businesses are facing an exponential growth in malicious cyberattacks. IT organizations need the ability to continuously monitor and assess network and application performance in order to quickly detect, investigate, and respond to security breaches. APCON and Tenable answer these needs by providing an integrated solution with Nessus™ Network Monitor running natively on the IntellaStore® Security Visibility Platform.

APCON INTELLASTORE® VISIBILITY ENABLEMENT PLATFORM

The IntellaStore family provides complete visibility of physical and virtual network traffic.

Available in two models, IntellaStore II+ and IntellaStore II, this performance visibility platform provides aggregation, filtering and optimization for complete visibility to network traffic.

- Data monitoring switch with 12 Ethernet ports 1G/10G and 2 ports 40G.
- Traffic aggregation, filtering and load balancing.
- Optimization of traffic with deduplication, packet slicing, protocol stripping and time stamping.
- Capture of network activity in real time with on-board and external storage options.
- Get actionable performance intelligence in minutes by deploying this joint solution.
- Industry-leading, easy-to-use graphical user interface.

TENABLE NESSUS™ NETWORK MONITOR

Nessus Network Monitor, (formerly Passive Vulnerability Scanner® or PVS™) delivers continuous monitoring and profiling of assets in a non-intrusive manner. The product analyzes network traffic at the packet level to provide visibility to vulnerabilities with full asset discovery.

- Continuously monitors network traffic for vulnerabilities eliminating blind spots left by periodic scanning
- Automated asset discovery and classification of all hardware, services and web applications on the network
- Passive and non-intrusive technology that is safe for highly sensitive and critical systems
- Detects suspicious traffic and connections
- Extremely easy to use, and reports can be integrated into log aggregation tools such as Splunk

JOINT SOLUTION BENEFITS

CONTINUOUS NETWORK VISIBILITY

IntellaStore captures all traffic of interest from anywhere in the network and provides full packet visibility to the Nessus Network Monitor running directly on the IntellaStore.

SIMPLIFIED DEPLOYMENT

The all-in-one design of the IntellaStore makes it a perfect solution for midsize network deployments or remote locations.

PACKET CONDITIONING

As network administrators span and tap various parts of their networks to feed into their network monitoring tools, they create a lot of duplicate packets. The deduplication feature included in the IntellaStore reduces stress on the Nessus Network Monitor system by eliminating duplicates.

VIRTUAL NETWORK VISIBILITY

IntellaStore provides the ability to aggregate and monitor encapsulated traffic from virtual machines in the network via GRE termination. The IntellaStore also provides GRE decapsulation and aggregation of up to 10GB processing for forwarding of virtual network traffic to the Nessus Network Monitor system.

CO-LOCATE APPLICATIONS

The IntellaStore can host several synergistic applications that have differing strengths, i.e., combining Nessus Network Monitor and an analytics tool such as ExtraHop onto the same IntellaStore platform.

PCI DSS COMPLIANCE

Nessus Network Monitor not only monitors known data flows in and out of the cardholder data environment, but also identifies undocumented data flows, particularly of unencrypted payment card information.

TENABLE SECURITYCENTER CV INTEGRATION

For continuous monitoring in real time to discover assets and detect anomalous activity, IntellaStore with Nessus Network Monitor acts as an integrated sensor in Tenable's continuous network monitoring solution, SecurityCenter CV.

ABOUT APCON

For more than 20 years, APCON has consistently delivered smart, stable and scalable technology solutions that provide an unparalleled level of confidence to service providers and businesses seeking total data center visibility and security. Its customers range from midsize companies to Fortune 1000 enterprises in more than 40 countries. APCON assures superior network monitoring while supporting traffic analysis and streamlined network management and security. For more information, visit www.apcon.com or follow us on Twitter @apcon.

ABOUT TENABLE

Tenable®, Inc. is the Cyber Exposure company. Over 27,000 organizations around the globe rely on Tenable to understand and reduce cyber risk. As the creator of Nessus®, Tenable extended its expertise in vulnerabilities to deliver the world's first platform to see and secure any digital asset on any computing platform. Tenable customers include more than 50 percent of the Fortune 500, more than 25 percent of the Global 2000 and large government agencies. Learn more at www.tenable.com.

WHY IS APCON A COMPLEMENT TO TENABLE?

APCON DELIVERS:

TRAFFIC FROM ANYWHERE

- **Physical (edge, core, spine/leaf, FabricPath and remote sites via SPANs and TAPs)**
- **Virtual (intra VM traffic, East/West)**
- **Cloud (AWS, Azure and private)**

TRAFFIC TO ANY TOOL

- **Aggregate/merge traffic into continuous flows**
- **Multicast/replicate same traffic to multiple tools (reuse ingress ports)**
- **Load balance egress flows to tools**
- **Rate negotiation, ability to match ingress to egress feeds across 1G/10G/40G/100G rates**

TRAFFIC CONDITIONING

- **Filter traffic for any conditions layers 1–4**
- **High speed deduplication (up to 200Gb/s)**
- **Pattern matching/masking (hiding sensitive/confidential information)**
- **Packet slicing (remove payload)**
- **Protocol stripping (remove packet encapsulations)**
- **Deep buffering to absorb traffic bursts (prevent tool oversubscription)**

TRAFFIC SERVICES PERFORMED

- **NetFlow records generated (1:1, sent to up to 16 collectors)**
- **Tunnel termination (GRE, VXLAN, ERSPAN and GENEVE encapsulations)**
- **Captures (scheduled, streaming or triggered)**
- **Onboard analysis with certified apps**

APCON
Solutions for Networks

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