DATA SHEET

ARUBA NETWORK PROTECTOR SDN APPLICATION

Provide real-time security across SDN-enabled networks

PRODUCT OVERVIEW

The Aruba Network Protector SDN Application enables automated network posture assessment and real-time security across an SDN-enabled network and provides simple security for Bring Your Own Device (BYOD). The Network Protector SDN Application uses the HP Virtual Application Networks (VAN) SDN Controller to program the network infrastructure with security intelligence from the TrendMicro TippingPoint RepDV Labs database. This turns the entire network infrastructure into security-enforcement devices, providing visibility and threat protection against more than one million malicious botnets, malware and spyware sites.

KEY BENEFITS

- Simple security for Bring Your Own Device (BYOD)
- Provides dynamic, zero touch threat protection across networks
- Prioritizes application traffic based on DNS
- Enhanced security policies and control

Figure 1: Network Protector Console

FEATURES AND BENEFITS

Quarantine thresholds

Can be configured on per client DNS requests per second or on total number of unique malicious connections per client, resulting in IP redirection or dropping of all client traffic.

Identity of malicious client

Displays the IP address associated with quarantined or blocked clients or reveals user identity when integrated with IMC.

Prioritized custom whitelist

Allows administrators to prioritize domains without using reputation database.

Custom blacklist

Allows the administrator to block malicious domains during specified periods of time.

Custom graylist

Allows the administrator to block certain domains to adhere to business policies during specified periods of time.

Remediation service

Allows the administrator to redirect blocked user to a custom remediation service portal.

Differentiated Services Code Point (DSCP) traffic marking

Allows the administrator to mark SDN traffic flows for proper mapping into existing policy-based routing architectures.

Top infected VLANs

Provides visibility into the relative health of VLAN clients.

Top infected endpoints

Provides visibility into the source of malicious traffic.

Dynamic access control list

Allows the administrator to create flow-based access control policy based on N-tuples.

Inspection throttling

Ensures that network performance is not impacted by bursts of heavy traffic.

Group policy

Supports individual reputation level for blocking or quarantining members of the group.

Flex time based policy

Allows the administrator to configure policies across extended time boundaries based on multiple years, weeks, days, hours, and minutes.

High availability

Provides a "2N+1" active-active model, which allows three Network protector applications to manage individual subsets of the network while sharing a common network view; the failure of one Protector application component generates a rapid response by the cluster to provide continued network operations.

Email alerts

Notifies the administrator of quarantined clients or malicious connection attempts.

Aruba Intelligent Management Center (IMC) integration

Allows the administrator to manage policies and statistics using IMC.

WARRANTY AND SUPPORT

Limited electronic and business-hours telephone support is available from Hewlett Packard Enterprise. To reach our support centers, refer to www.hpe.com/networking/contact-support. For details on the duration of support provided with your product purchase, refer to www.hpe.com/networking/warrantysummary.

SOFTWARE RELEASES

To find software for your product, refer to www.hpe.com/networking/support. For details on the software releases available with your product purchase, refer to www.hpe.com/networking/warrantysummary.

ARUBA NETWORK PROTECTOR SDN APPLICATION SPECIFICATIONS

Aruba Network Protector SDN Application 250 Concurrent Clients E-LTU (JL004AAE)	
Platform required	Server: Aruba VAN SDN Controller software
Minimum system requirements	Server: 3.0 GHz Intel® Xeon® or Intel® Core™ 2 Quad processor or equivalent
Recommended software	Server: Ubuntu 14.04 LTS 64-bit
Subscription licenses	
JL005AAE	Aruba Network Protector RepDV Subscription 250 Concurrent Users 1 Year E-LTU
JL006AAE	Aruba Network Protector RepDV Subscription 1,000 Concurrent Clients 1 Year E-LTU
JL007AAE	Aruba Network Protector RepDV Subscription 2,000 Concurrent Clients 1 Year E-LTU
JL008AAE	Aruba Network Protector RepDV Subscription 4,000 Concurrent Clients 1 Year E-LTU
JL092AAE	Aruba Network Protector RepDV Subscription 8,000 Concurrent Clients 1 Year E-LTU
JL093AAE	Aruba Network Protector RepDV Subscription 20,000 Concurrent Clients 1 Year E-LTU
JL094AAE	Aruba Network Protector RepDV Subscription 40,000 Concurrent Clients 1 Year E-LTU

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