Passive Vulnerability Scanner 4.2.1 Release Notes

This document describes the new features and improvements that are introduced in PVS 4.2.1 and HTML5 User Interface 1.3.1.

Upgrade Notes

- Refer to the PVS 4.2 User Guide for details on upgrading to PVS 4.2.1
- PVS 4.2.1 is compatible with SecurityCenter 4.7.x and later.
- The HTML5 User Interface is automatically updated to 1.3.1 via a plugin update.

Supported Platforms

Support is available for the following platforms:

- Red Hat Linux ES 5 / CentOS 5 64-bit
- Red Hat Linux ES 6 / CentOS 6 64-bit
- Red Hat Linux ES 7 / CentOS 7 64-bit
- Mac OS X 10.8 and 10.9 64-bit
- Microsoft Windows Vista, 7, 8, Server 2008, and Server 2012 64-bit

Support for 32-bit systems has been dropped in 4.2.

The Microsoft Visual C++ 2010 Redistributable Package is a prerequisite that needs to be installed on Windows before installing PVS. Refer to the documentation for more information.

File Names & MD5 Checksums

pvs-4.2.1-es5.x86_64.rpm	7a42eb0898509a7d4fb948fa956c15f2
pvs-4.2.1-es6.x86_64.rpm	5c90f04ed6fe4e606f2792f55209c859
pvs-4.2.1-es7.x86_64.rpm	128791723f36b3f79406720b9a663375
pvs-4.2.1-osx.dmg	22b26286ab7744a8093ec7bcc596d86b
pvs-4.2.1-x64.exe	9f9710af98fbb9f54299274414647b1e

What's New

10Gbps Support for Virtual/Software deployments (Non Tenable Appliance)

PVS version 4.2.1 provides capabilities for real-time multi-gigabit network traffic monitoring for software-based installs either with bare-metal installs of RHEL 6 or running under VMware ESX/ESXi 5.5.

ERSPAN Encapsulation Support

In addition to Generic IP Encapsulation, added support for VMware ERSPAN (Transparent Ethernet Bridging) and Cisco ERSPAN (ERSPAN Type II). ERSPAN allows you to mirror traffic from one or more “source" ports on a virtual switch or even a physical switch or router and send the traffic to a "destination IP" host running PVS. This could help in situations were provisioning a span port or network tap is problematic. More general info on ERSPAN:

http://blogs.vmware.com/vsphere/2013/02/vsphere-5-1-vds-feature-enhancements-port-mirroring-part-3.html

Red Hat 7 Support for standard mode (non 10Gb)

Standard mode PVS is now supported on RHEL 7. High speed (10G mode) will be supported in a future release.

License enforce throughput by entitlement ("Standard mode" vs 10G "High speed mode")

High speed (10G mode) is now enforced via activation code. SC-CV includes unlimited "standard mode" PVS but each 10G sensor will need a dedicated activation code.

Additional Improvements

- Realtime session logging has been updated to included total bytes transferred and session duration.
- Prevent interfaces that have IP addresses bound to them from being selected in high performance mode.
- Upgraded SQLite to 3.8.8.3.
- Upgraded OpenSSL to 1.0.0r.

About Tenable Network Security

Tenable Network Security provides continuous network monitoring to identify vulnerabilities, reduce risk, and ensure compliance. Our family of products includes SecurityCenter Continuous View™, which provides the most comprehensive and integrated view of network health, and Nessus®, the global standard in detecting and assessing network data. Tenable is relied upon by many of the world's largest corporations, not-for-profit organizations and public sector agencies, including the entire U.S. Department of Defense. For more information, visit tenable.com.