



tenable
network security

Audits de sécurité, supervision en continu

Renaud Deraison

Bio (en deux phrases)

Auteur du logiciel “Nessus” (1998 -)

Co-fondateur de Tenable Network Security, Inc. (Maryland, 2002 -)



Tenable

La société

- Fondée en 2002
- 280 employés
- Etats-Unis, UK, Asie

Les produits

Gestion de vulnérabilités et conformité

Nessus: standard
Mobile, Cloud, VMs
Monitoring des réseaux les plus complexes

La communauté

- Un million d'utilisateurs de Nessus
- 18,000 clients



Gartner®



Notre vision

- Monitoring en continu
 - Savoir ce qui est sur mon réseau
 - Savoir ce qui est une cible facile (attaque directe, phishing, APT, etc...)
 - Pouvoir prouver à un tiers que ma surface d'attaque est réduite
 - Etre en mesure de faire des analyses forensics

Federal Information Security Management Act

- > NIST 800-53
- > DOD 8500.2
- > Exemples:
 - > AC-1 Access Control
 - > AC-18 Wireless Access
 - > AU-18 Timestamps
 - > CM-1 Config Management
 - > CM-2 Config Baselines
 - > CM-4 Config Changes
 - > IA-2 User Identification
 - > RA-5 Vuln Scanning
 - > SA-6 Software Usage
 - > SC-7 Boundary Protection
 - > SI-3 Malicious Code



La première version de la loi oblige les agences gouvernementales US à développer, documenter et implémenter des programmes pour protéger la confidentialité, l'intégrité et la disponibilité de leur parc IT.

CyberScope, en 2013

- Les organisations gouv. US doivent envoyer un rapport **tous les 30 jours**:
 - Liste des systèmes
 - Liste des:
 - Vulnérabilités
 - Conformité
 - Types de plateformes
- Format de rapport XML, "LASR", uploadé sur le portail de DHS





Nessus[®]
vulnerability scanner

Nessus Setup

Nessusd host | Plugins | Prefs. | Scan options | Target selection | User | KB | Credits

New session setup

Nessusd Host : localhost

Port : 1241

Login : sauron

Password :

Log in

Start the scan | Load report | Quit

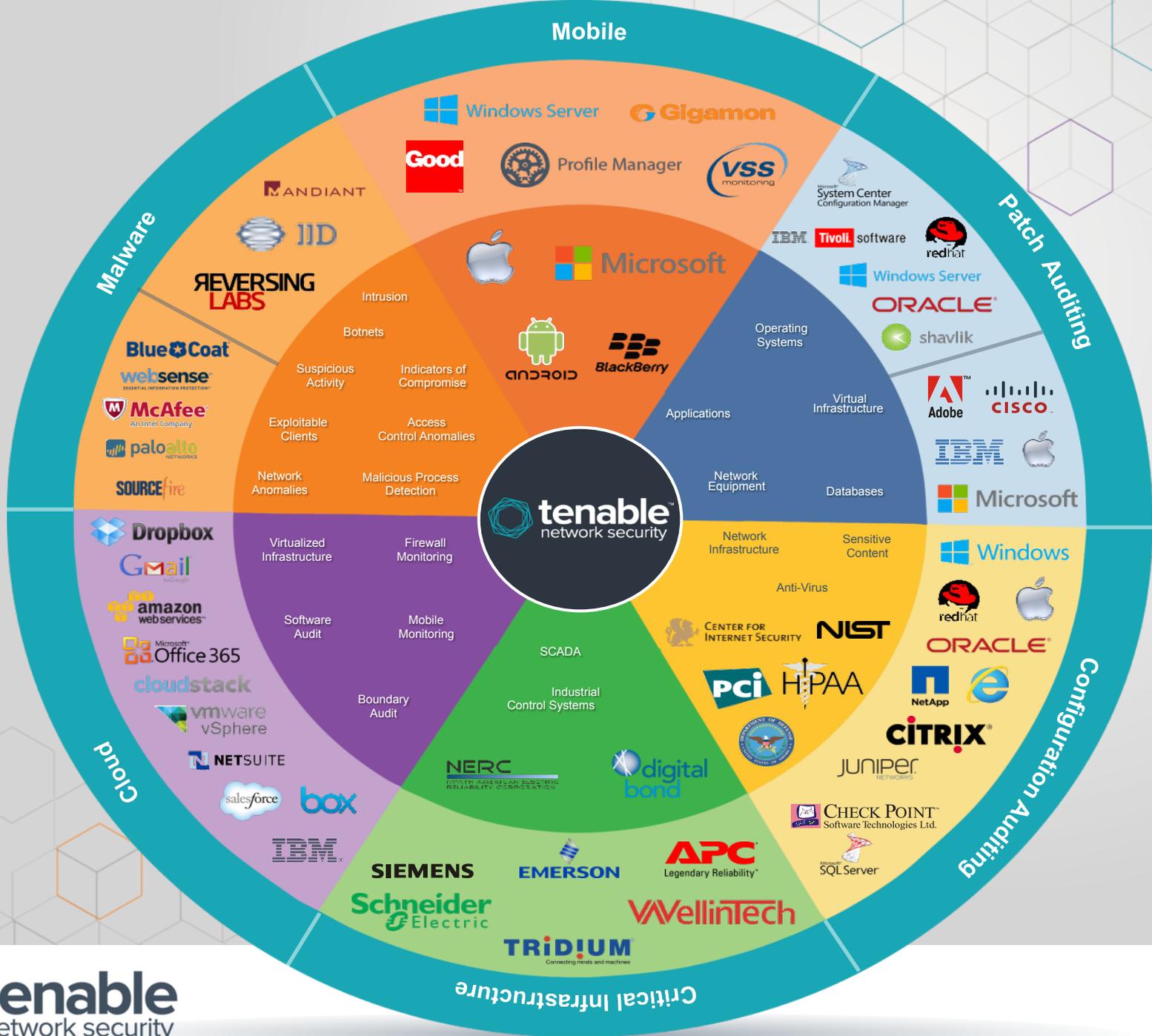
0	Portscan : ██████████	Attack : ██████████	Security check : mstream agent Detect	Stop
9	Portscan : ██████████	Attack : █	Security check : Check for VNC	Stop
10	Portscan : ██████████	Attack : █	Security check : Check for VNC	Stop
11	Portscan : ██████████	Attack : █	Security check : Check for VNC	Stop
12	Portscan : ██████████	Attack : █	Security check : An SNMP Agent is running	Stop
13	Portscan : ██████████	Attack : ██████████	Security check : mstream handler Detect	Stop
15	Portscan : ██████████	Attack : ██████████	Security check :	Stop
16	Portscan : ██████████	Attack : █	Security check : SMB log in	Stop

Stop the whole test

Nessus

- Scanner “actif” de sécurité
- Version actuelle: 5.2

- But: pouvoir faire le meilleur audit possible quel que soit l’environnement en place
 - Qu’est ce qui est sur mon réseau?
 - Qu’est ce qui est vulnérable sur mon réseau?
 - Qu’est ce qui est différent sur mon réseau?



Audit en mode boîte noire

- Usage historique
- Detection de services à distance
- Identification de mauvaises configurations (sécurité) et de patches manquants
- Configuration minimale requise

Audit en mode boîte blanche

- Fournir les mdps réseaux à Nessus
- Audit local de chaque système:
 - Enumeration de correctifs de sécurité manquants
 - Gain de temps, désengorgement réseau (pas de scan de ports)
 - Auditer non seulement l'OS, mais les applis tierces (ie: Anti-Virus)



Audit en mode “mixte”

- Nessus peut s’interfacer avec votre gestionnaire de patches (SCCM, TEM, WSUS, Red Hat Satellite, Spacewalk)
- Permet d’auditer localement des machines, sans mot de passe
- Avec mdp: permet de confronter les résultats du gestionnaire de patches à ceux de Nessus



 **Nessus**[®]
vulnerability scanner





Plugin ID: 58186

Port / Service: general/tcp

Severity:

Info



Plugin Name: Patch Management: SCCM Report

Synopsis: This plugin reports a list of missing updates with information or the plugin will report if system is not managed by SCCM.

Description

This plugin parses the scanned system which can be viewed

Plugin Output

This system is not managed by Tivoli Endpoint Manager.

Solution

n/a

Risk Factor: None

Plugin Output

+ System Information

- ipaddresses : 172.26.22.35, fe80::ddef:8d2
- Netbios name : RE-TEM
- Computer name : NULL
- Domain : TENABLERELAB
- OS : Microsoft Windows NT Advanced Serv
- Caption : Microsoft. Windows Server. 2008

Plugin Output

+ The following patch management products report :

- IBM TEM : Vulnerable
- SCCM is NOT reporting vulnerable
- WSUS is NOT reporting vulnerable

- C:\Windows\System32\netapi32.dll has not been patched
Remote version : 6.0.6002.18005
Should be : 6.0.6002.18659

Audit de conformité

- Vérifier que la configuration de la machine est conforme à ce que j'en attends
- Support Windows, Linux, AIX, HP/UX, Solaris, mais aussi Cisco, Juniper, Vmware, Hyper-V, MSSQL, Oracle DB, Apache, etc...
- Tenable fournit des exemples d'audits, basés sur CIS (Center for Internet Security), PCI, SANS 20 Critical Controls, etc...



failed	RHEL-06-000505 - OS must conduct backups of system-level	Unix Compliance Checks
failed	RHEL-06-000507 - OS must display to the user the date and ti...	Unix Compliance Checks
failed	RHEL-06-000509 - The system must forward audit records to	Unix Compliance Checks
failed	RHEL-06-000510 - The audit system must take appropriate acti...	Unix Compliance Checks
failed	RHEL-06-000511 - The audit system must take appropriate acti...	Unix Compliance Checks
failed	RHEL-06-000516 - Package management tool must verify	Unix Compliance Checks
failed	RHEL-06-000517 - Package management tool must verify group-	Unix Compliance Checks
failed	RHEL-06-000518 - Package management tool must verify	Unix Compliance Checks
failed	RHEL-06-000521 - The mail system must forward all mail for r...	Unix Compliance Checks
failed	RHEL-06-000523 - Local IPv6 firewall must implement a deny-a...	Unix Compliance Checks
failed	RHEL-06-000524 - The system must provide automated support	Unix Compliance Checks
failed	RHEL-06-000525 - Auditing must be enabled at boot by setting...	Unix Compliance Checks
passed	RHEL-06-000009 - rhnsd service must not be running, unless u...	Unix Compliance Checks
passed	RHEL-06-000013/RHEL-06-000015 - tool must cryptographically	Unix Compliance Checks
passed	RHEL-06-000019 - There must be no .rhosts or hosts.equiv fil...	Unix Compliance Checks

Malware

- Audit d'antivirus (Symantec, Trend, etc...)
- Detection de malware connus tournant sous Windows
- Identification de machines connues pour appartenir à un Botnet
- Identification de processus uniques (13 Oct)
- Collecte d'information permettant une analyse post-mortem (13 Oct)

172.20.5.18

1

445 / tcp

Service: cifs

3D2003FEEEC75B7A7CA7E889553F61F1 matches a known malware md5sum.

File Path :
C:\Users\Administrator\AppData\Local\Temp\2\Rar\$EX77.176\WinArpAttacker.exe
Associated PID(s) during check : 2960

The following are some of the tested AntiVirus products that consider this executable to be malware:

Avast
BitDefender
ClamAV
DrWeb
EsetNOD32
Fortinet
F-Prot
McAfee
Microsoft
Panda
Sophos
Symantec
TrendMicro

Number of AVs reporting malware : 21

Number of AVs tested : 25

For more information visit
<https://malwaredb.nessus.org/malware/4a6cd2168cb074a4fa82fa0c0143b9d4>

BYOD

- Identification des mobiles / tablettes via Exchange (ActiveSync)...
- .. et MDM (Apple Profile Manager, GOOD for Enterprise, et bientôt Tivoli, Mobile Iron et Airwatch)
- Qui utilise un mobile sur mon réseau? (ou accède aux ressources de l'entreprise)
- Quels mobiles ne sont pas gérés par mon MDM?
- Ces mobiles sont-ils à jour?

Hosts 1858

Vulnerabilities 9

Export Results

Vulnerability Summary

Sort Options

critical	Apple iOS < 5.1.1 Multiple Vulnerabilities	Mobile Devices	1351
high	Apple iOS < 6.0.1 Multiple Vulnerabilities	Mobile Devices	1373
high	Apple iOS < 6.0 Multiple Vulnerabilities	Mobile Devices	1352
high	Apple iOS < 5.0 Multiple Vulnerabilities	Mobile Devices	1351
high	Apple iOS < 5.0.1 Multiple Vulnerabilities	Mobile Devices	1351
high	Apple iOS < 5.1 Multiple Vulnerabilities	Mobile Devices	1351
medium	Windows Phone7 < 7.10.8107 Out-of-Date SSL Certificate Black...	Mobile Devices	30
medium	Windows Phone7 < 7.0.7392 Out-of-Date SSL Blacklist	Mobile Devices	15
info	MDM Mobile Device Reporting	Mobile Devices	1858

Nessus – le produit

Interface web (html5) intégrée avec gestion des résultats

- Moteur performant
- Analyse “intelligente” des résultats
- Sécurité: fichiers chiffrés, langage sécurisé, etc...
- “Chantier” en cours: simplification de l’interface et des configurations (Nov.)
- \$1500/an, nombre d’IP illimité



This result set contains 1 note. Please click this notification dialog for more information.



Hosts

16



Vulnerabilities

71



Export Results

Vulnerability Summary

Sort Options

high	Microsoft Windows SMB Shares Unprivileged Access	Windows
medium	SSL Certificate Cannot Be Trusted	General
medium	SSL Self-Signed Certificate	General
medium	SMB Signing Disabled	Misc
medium	SSL Certificate Expiry	General
medium	SSL Certificate Signed using Weak Hashing Algorithm	General
medium	Terminal Services Doesn't Use Network Level Authentication (...)	Misc
medium	Terminal Services Encryption Level is Medium or Low	Misc
medium	Mac OS X 10.7 / 10.8 Unauthorized File Access (remote check)	Misc



PVS passive
vulnerability
scanner TM

PVS

- Scan avec Nessus: vision “exhaustive” mais à un instant t donné ;
- Que se passe-t-il entre deux scans?
- Que se passe-t-il sur les réseaux que je n’ai pas le droit de scanner?

PVS

- Scanner “passif”

- Sniffe les connexions
- En déduit des failles (ie: Chrome 24 utilisé contre Apache 1.3.26)
- Identification des protocoles
- Identification des applications utilisées sur chaque machine
- Temps réel

PVS: BYOD

- Quels équipements mobiles non-autorisés utilisent mon infrastructure pour sortir sur internet?
- Sont-ils à jour?
- Identification d'app iPhone/Android

PVS

- PVS n'est pas un IDS
 - Pas de détection d'attaque, mais de présence de vulnérabilités
- PVS peut générer des syslogs permettant de palier à un manque de monitoring (ex: lookups DNS des clients, accès web, etc...)

Monitoring

 Hosts 33

 Vulnerabilities 51

 Applications 7

 Operating Systems 1

 Connections 12

 Export Results

Host Summary

Sort Options

192.168.1.12	60	192.168.1.1	4	192.168.1.24	30
192.168.1.34	5	192.168.1.31	3	192.168.1.32	3
192.168.1.33	3	192.168.1.57	25	192.168.1.65	20
192.168.1.40	11	192.168.1.30	7	192.168.1.35	6
192.168.1.52	4	192.168.1.38	2	192.168.1.63	
192.168.1.36	13	192.168.1.41	11	192.168.1.43	11
192.168.1.55	10	192.168.1.69	10	192.168.1.11	9

05/15/13 02:08:30 PM - PVS Report

[Filter Options](#) 0 [Delete All Results](#)

-  Hosts 12113
-  Vulnerabilities 474
-  Export Results

Vulnerability Summary

[Sort Options](#) [Filter Vulnerabilities](#)

high	Flash Player <= 10.3.183.68 / 11.6.602.180	205
high	Flash Player <= 10.3.183.68 / 11.6.602.180	99
high	Mac OS X : Safari < 6.0.1 Multiple	82
high	Mac OS X : Safari < 6.0.4 SVG File Handling	79
high	Mac OS X : Safari < 6.0.2 Multiple	75
high	Mac OS X : Safari < 6.0.3 Multiple	74
high	Safari < 6.0 Multiple Vulnerabilities	73
high	Flash Player <= 10.3.183.63 / 11.6.602.168	69

PVS

- Interface web (html5)
- Rapports chiffrés
- Déploiement facile
- Windows, Linux (RHEL)
- \$1800/an, IP illimité



LCE

log
correlation
engine™

LCE (Log Correlation Engine)

- Agrégation de logs
- Corrélation
- But: donner du contexte à une machine auditée
 - Que fait-elle sur le réseau?
 - Quels événements système ont été générés?

LCE: Aggrégation, normalisation de logs

Normalisation de logs de centaines de produits
(Unix, Windows, etc...)

Agents (Windows, Linux, Mac OS X) permettant
la collecte d'informations locale (process
accounting, logs locaux, monitoring de fichiers,
détection de malware dans la table des
processus)

LCE: Corrélation de logs

- Language de script permettant de créer des scénarios plus ou moins complexes
- Analyse statistique (client devenant serveur, pic d'événements nouveaux, etc...)

LCE: Audit de vulnérabilité

- Détection de failles à partir des logs

- Jun 11 18:47:03 macbookair.local
ReportCrash[2880]: Saved crash report
for airportd[2715] **version 840.22.1**
to /Library/Logs/DiagnosticReports/
airportd_2013-06-11-184703_macbookair.c
rash

- /var/log/anaconda.log:10:57:42
DEBUG : Adding Package
libtermcap-2.0.8-46.1.x86_64 in mode u

SecurityCenter

- Console de gestion de plusieurs scanners
Nessus, PVS, LCE
- Permet de centraliser les audits
- Une base unique de résultats
- Roles, ACL pour chaque utilisateur

Remediation Summary

[Edit Filters](#)[Save Query](#)

Viewing results 1 - 27 out of 47

Solution	Risk Re... ▼	Hosts Affe...	Vulns	CVEs
Update to JDK / JRE 5 Update 51, 6 Update 51, 7 Update 25 or later and, if necessary, remov...	35.55%	1	11	175
Update to JDK / JRE 5 Update 51, 6 Update 51, 7 Update 25 or later and, if necessary, remov...	26.28%	1	5	139
Upgrade to Adobe AIR 3.8.0.1430 or later.	17.00%	1	12	89
Install Security Update 2013-004 or later.	6.18%	4	12	28
Upgrade to Sophos Anti-Virus version 10.0.9 / 10.2.1 or later.	6.18%	1	1	0
Upgrade to Adobe Flash Player version 11.7.700.242 / 11.8.800.168 or later, or Google Chrom...	1.55%	6	7	4
Upgrade to Adobe Reader 11.0.4 / 10.1.8 or later.	1.55%	2	4	8
Update the affected kernel packages.	0.46%	1	1	6

- Indicators
- Asset Vulns
- Mobile
- Errors
- Anomalies
- Exploits
- IP Vulns
- IDS
- PCI Indicators
- Remediations
- Unified Vuln
- Exploit
- Remediations ▼
- Add Dashboard +

General [Bar] [Refresh] [Dropdown]

Solution	Vulns Remediated
Install patch PHNE_24395 or subsequent.	132
Apply the April 2013 CPU.	61
Update to JDK / JRE 5 Update 51, 6 Update 51, 7 Update 25 or later and,\nif ne...	20
To prevent the listing of the services from being obtained, you should\neither hav...	20
Disable JavaScript in Adobe Reader unless it is needed.	19
Upgrade to Thunderbird ESR 17.0.7 or later.	15
Upgrade to Wireshark version 1.6.16 or later.	12
Upgrade to QuickTime 7.7.4 or later.	12
Upgrade to Pidgin 2.10.7 or later.	10
Install Security Update 2013-003 or later.	8

Last Updated: Less than a minute ago

Older than 30 Days [Bar] [Refresh] [Dropdown]

Solution	Vulns Remediated
Apply the April 2013 CPU.	61
Disable JavaScript in Adobe Reader unless it is needed.	16
Upgrade to Thunderbird ESR 17.0.7 or later.	13
Update to JDK / JRE 5 Update 51, 6 Update 51, 7 Update 25 or later and,\nif ne...	11
Upgrade to Wireshark version 1.6.16 or later.	10
Upgrade to Pidgin 2.10.7 or later.	9
Upgrade to QuickTime 7.7.4 or later.	8
To prevent the listing of the services from being obtained, you should\neither hav...	6
Install Security Update 2013-003 or later.	3
Upgrade to Safari 6.0.5 or later.	3

Last Updated: Less than a minute ago

Exploitable [Bar] [Refresh] [Dropdown]

Solution	Vulns Remediated
Apply the April 2013 CPU.	39
Disable JavaScript in Adobe Reader unless it is needed.	13
Update to JDK / JRE 5 Update 51, 6 Update 51, 7 Update 25 or later and,\nif ne...	11
Upgrade to QuickTime 7.7.4 or later.	8
Install patch PHNE_24395 or subsequent.	8
Upgrade to Wireshark version 1.6.16 or later.	7
Upgrade to Thunderbird ESR 17.0.7 or later.	5
Upgrade to Pidgin 2.10.7 or later.	3
Install Security Update 2013-003 or later.	2
Contact Cisco for updated software.	2

Last Updated: 1 minute ago

CVSS > 8 [Bar] [Refresh] [Dropdown]

Solution	Vulns Remediated
Apply the April 2013 CPU.	31
Install patch PHNE_24395 or subsequent.	20
Disable JavaScript in Adobe Reader unless it is needed.	16
Update to JDK / JRE 5 Update 51, 6 Update 51, 7 Update 25 or later and,\nif ne...	15
Upgrade to Thunderbird ESR 17.0.7 or later.	11
Upgrade to QuickTime 7.7.4 or later.	11
Upgrade to Wireshark version 1.6.16 or later.	4
To prevent the listing of the services from being obtained, you should\neither hav...	4
Install Security Update 2013-003 or later.	3
Upgrade the FlashPix plugin to version 4.3.6.0 (4.36) or later.	3

Last Updated: Less than a minute ago

Mobile Vulnerabilities (Passive)

Plugin ID	Name	Severity	Total
5737	Android < 2.3 Multiple Vulnerabilities	High	1
6297	Android 2.3 < 2.3.6 Information Disclosure	Medium	1
5287	Android Mobile Device Detection	Info	31
3494	Tablet PC Detection	Info	28
4134	Apple iPhone/iPad Detection	Info	22
6067	Android version Detection	Info	10
6079	Samsung Mobile Device Version Detection	Info	5

Last Updated: 3 minutes ago

Mobile Vulns by User

User	Score	Medium	High	Critical
[Redacted]	110	0	7	1
[Redacted]	90	0	5	1
[Redacted]	60	0	6	0
[Redacted]	50	0	5	0
[Redacted]	50	0	5	0
[Redacted]	40	0	4	0
[Redacted]	40	0	4	0
[Redacted]	40	0	4	0
[Redacted]	40	0	4	0
[Redacted]	30	0	3	0

Mobile Vulns

Plugin ID	Name	Severity	Total
60027	Apple iOS < 5.1.1 Multiple Vulnerabilities	Critical	2
60025	Apple iOS < 5.0.1 Multiple Vulnerabilities	High	1
60026	Apple iOS < 5.0 Multiple Vulnerabilities	High	1
60028	Apple iOS < 5.1 Multiple Vulnerabilities	High	2
62242	Apple iOS < 6.0 Multiple Vulnerabilities	High	3
62803	Apple iOS < 6.0.1 Multiple Vulnerabilities	High	14
64287	Apple iOS < 6.1 Multiple Vulnerabilities	High	34
65633	Apple iOS < 6.1.3 Multiple Vulnerabilities	High	48
60035	MDM Mobile Device Reporting	Info	202
64451	Mobile Signature Error	Info	1

Mobile Vulns by Platform

Model	Device Count	Score	Total	Medium	High	Critical
iPhone	108	980	200	0	90	2
iPad	36	130	49	0	13	0
Android	56	0	56	0	0	0
BlackBerry	1	0	1	0	0	0
WinPhone	1	0	1	0	0	0

Indicators Add Component 
Botnet Activity

Bot List	Inbound Netstat	Outbound	DNS Clean	URLs Clean
Bot Attacks	Inbound Traffic	Outbound	Bot Auth	Bot Anomalies

Last Updated: 1 hour ago

Continuous Events

IDS	Scanning	Malware	Botnet	DOS
Sys Errors	Web Error	Win Error	High CPU	DNS Errors

Last Updated: 1 hour ago

Malicious Process Monitoring

Malicious	Unwanted	Custom Hash	Indicator	Multi Crashes
Process Spike	Virus Spike	Error Spike	Change Spike	FIM Spike
New EXE Spike	Unique Unix	Unique Win		

Last Updated: 1 hour ago

Access Control Anomalies

Firewall Spike	Auth Spike	Auth Fail Spike	Access Spike	Denial Spike
----------------	------------	-----------------	--------------	--------------

Last Updated: 1 hour ago

Intrusion Detection Events

Targeted	Host Scan	Net Sweep	Web Scan	Web Sweep
Auth Sweep	Auth Guessing	Auth Guessed	Worm Activity	IDS Spike
Scan Spike	DNS Tunnel	Web Tunnel	EXE Serve	USER Auth

Last Updated: 1 hour ago

Network Anomalies and Suspicious Activity

DNS Spike	SSL Spike	PVS Spike	Network Spike	Netflow Spike
File Spike	Web Spike	404+ Spike	Inbound Spike	Outbound Spike
SSH 30m+	VNC 30m+	RDP 30m+	Internal Spike	Connect Spike

Last Updated: 1 hour ago

Exploitable Internet Services

FTP	SSH	HTTP	HTTPS	SMB
1-200	201-500	501-1024	1025-5000	5000+

Suspicious Proxies, Relays and SPAM

Proxy	SSH Proxy	VNC Proxy	RDP Proxy	Bot Proxy
SMTP Proxy	SMTP Relay	SPAM Server	Crowd Surge	

Vulnerability Summary

[Edit Filters](#)[Save Query](#) | [Save Asset](#) | [Open Ticket](#) | [More](#)

Viewing results 28 - 54 out of 814

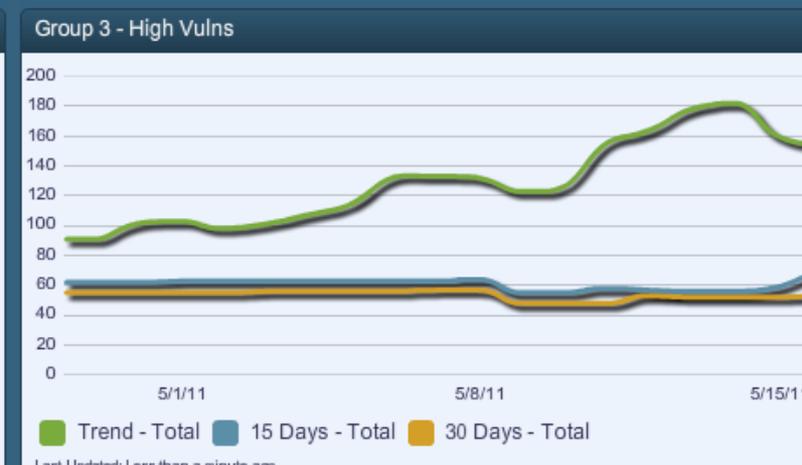
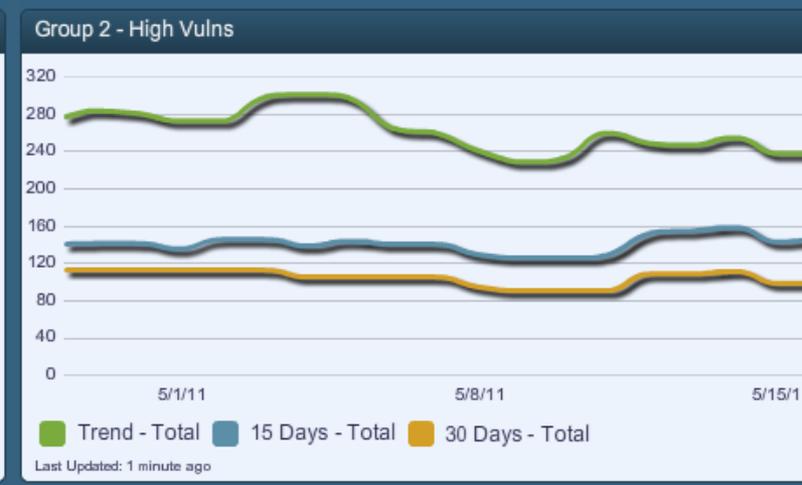
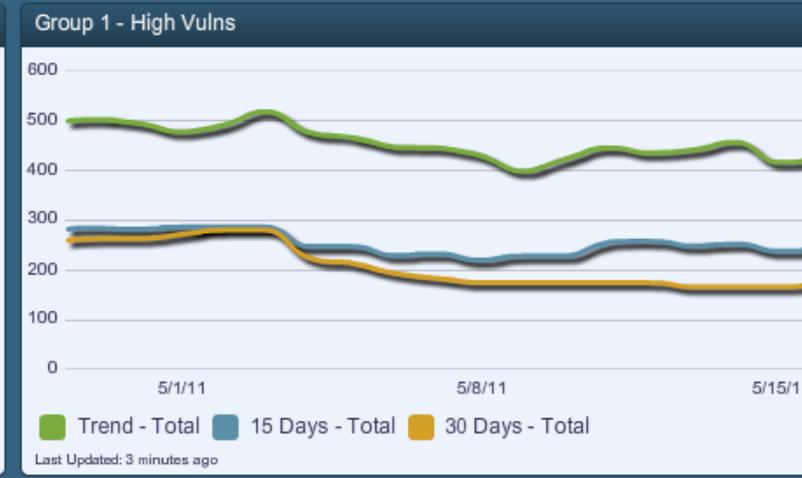
[View Settings](#)

Plugin ID	Name	Family	Severity	Total
57462	FreeBSD 'telnetd' Daemon Remote Buffer Overflow	Gain a shell remotely	Critical	1
42367	Default Password (alpine) for 'root' Account	Default Unix Accounts	Critical	1
51418	HP StorageWorks MSA P2000 Default Credentials	Gain a shell remotely	Critical	1
61646	Oracle Integrated Lights Out Manager Default Crede...	Misc.	Critical	1
13659	I2tpd < 0.69 control.c write_packet Function Remote ...	Gain a shell remotely	Critical	1
19948	X11 Server Unauthenticated Access	Misc.	Critical	1
40987	Random password for 'root' account	Gain a shell remotely	Critical	1
14319	MySQL < 4.0.21 mysql_real_connect() Function Rem...	Databases	Critical	1
49691	IBM WebSphere Application Server 6.1 < 6.1.0.33 Mu...	Web Servers	Critical	1
57607	IBM WebSphere Application Server 6.1 < 6.1.0.41 Mu...	Web Servers	Critical	1
58327	Samba 'AndX' Request Heap-Based Buffer Overflow	Misc.	Critical	1
63623	Oracle Database, January 2013 Critical Patch Update	Databases	Critical	1
58966	PHP < 5.3.11 Multiple Vulnerabilities	CGI abuses	High	36
58988	PHP < 5.3.12 / 5.4.2 CGI Query String Code Execution	CGI abuses	High	36
57537	PHP < 5.3.9 Multiple Vulnerabilities	CGI abuses	High	35
55976	Apache HTTP Server Byte Range DoS	Web Servers	High	31
11169	SSH Secure Shell without PTY setsid() Function Privi...	Misc.	High	26
52669	Host is Listed in Known Bot Database	General	High	26
41028	SNMP Agent Default Community Name (public)	SNMP	High	23
41014	PHP < 5.2.11 Multiple Vulnerabilities	CGI abuses	High	17
35067	PHP < 5.2.8 Multiple Vulnerabilities	CGI abuses	High	16
48244	PHP 5.2 < 5.2.14 Multiple Vulnerabilities	CGI abuses	High	14
66175	Plesk Horde Detection	CGI abuses	High	12
34460	Unsupported Web Server Detection	Web Servers	High	11
42052	Apache 2.2 < 2.2.14 Multiple Vulnerabilities	Web Servers	High	10
33849	PHP < 4.4.9 Multiple Vulnerabilities	CGI abuses	High	9
6718	Apple iOS < 6.1.3 Multiple Vulnerabilities	Web Clients [PVS]	High	7

Compliance Status 📊 ↻ ⚙️

	% Settings	% PCI	% HIPAA	% CyberScope
NY	52%	59%	69%	34%
Chicago	54%	58%	48%	47%
DC	48%	48%		22%
SF	35%	35%		32%
Boston	52%	59%	69%	34%
London	66%	80%		29%
Paris	52%	55%	59%	37%

Last Updated: 7 minutes ago



Unified Vulns

Add Component

Top 10 Scanned Vulns

Plug...	...	Seve...	Name
65891	11	Critical	Cisco IOS Software Smart Install Unauthenticated IO...
65995	9	Critical	Oracle Java SE Multiple Vulnerabilities (April 2013 CPU)
44340	5	Critical	CentOS Update Set
66274	4	Critical	VMware Security Updates for vCenter Server (VMSA-...
48264	4	Critical	VxWorks WDB Debug Service Detection
57290	4	Critical	Oracle Java JDK / JRE 6 < Update 30 Multiple Vulnera...
57959	4	Critical	Oracle Java SE Multiple Vulnerabilities (Feb 2012 CPU)
59462	4	Critical	Oracle Java SE Multiple Vulnerabilities (June 2012 CPU)
62593	4	Critical	Oracle Java SE Multiple Vulnerabilities (October 2012...
64454	4	Critical	Oracle Java SE Multiple Vulnerabilities (February 201...

Last Updated: 16 hours ago

Top 10 Sniffed Vulns

Plu...	T...	Se...	Name
6751	164	High	Flash Player <= 10.3.183.68 / 11.6.602.180 Multiple Vuln...
6724	63	High	Google Chrome < 26.0.1410.43 Multiple Vulnerabilities
6821	45	High	Flash Player <= 10.3.183.75 / 11.7.700.169 Multiple Vuln...
6752	36	High	Flash Player <= 10.3.183.68 / 11.6.602.180 Multiple Vuln...
4434	33	High	Mac OS X Safari < 3.1 Multiple Vulnerabilities
6592	32	High	Google Chrome < 22.0.1229.79 Multiple Vulnerabilities
6600	32	High	Google Chrome < 22.0.1229.92 Multiple Vulnerabilities
6601	32	High	Google Chrome < 22.0.1229.94 Multiple Vulnerabilities
6616	32	High	Google Chrome < 23.0.1271.64 Multiple Vulnerabilities
6628	32	High	Google Chrome < 23.0.1271.91 Multiple Vulnerabilities

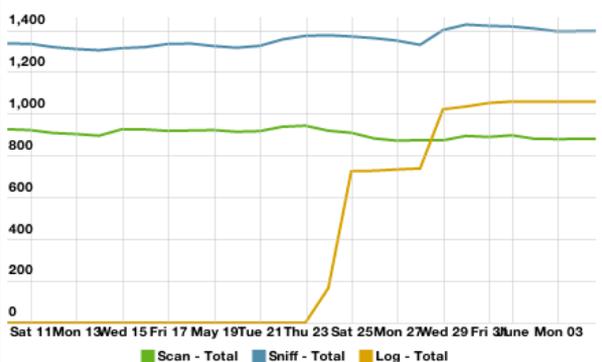
Last Updated: 16 hours ago

Top 10 Logged Vulns

Plugin ID	Total	Severity	Name
800552	13	High	Apache 2.2 < 2.2.22 Multiple Vulnerabilities
800559	13	High	Apache 2.2 < 2.2.21 mod_proxy_ajp DoS
800573	13	High	Apache 2.2 < 2.2.16 Multiple Vulnerabilities
800577	13	High	Apache 2.2 < 2.2.17 Multiple Vulnerabilities
800584	13	High	Apache 2.2 < 2.2.20 Multiple Vulnerabilities
800557	9	High	Apache mod_ssl Session Cache Code Overflow
800107	2	High	Opera < 12.12 Multiple Vulnerabilities
800108	2	High	Mozilla Firefox 17.x <= 17 Multiple Vulnerabilities
800112	2	High	Google Chrome < 26.0.1410.43 Multiple Vulner...
800735	2	High	Firefox < 2.0.0.16 / 3.0.1 Multiple Vulnerabilities

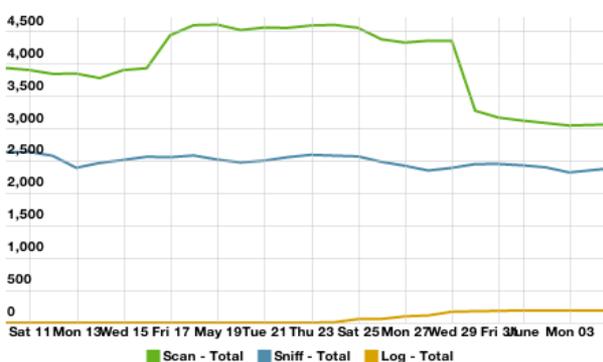
Last Updated: 16 hours ago

Scan, Sniff and Log System Count



Last Updated: 16 hours ago

Scan, Sniff and Log Vuln Count



Last Updated: 16 hours ago

Scan, Sniff and Log Coverage

Total Systems	3090	
Scanned Systems	882	29%
Sniffed Systems	1401	45%
Logged Systems	1061	34%

Last Updated: 14 hours ago



Vulns Over Time



Last Updated: Less than a minute ago

Remediation Rates

	Now	Patched	30d Rate	30d Date	30d Rate - Lifetime	30d Rate Past 30d	30d Rate Past 31d-60d	30d Rate Past 61d-90d
All Vulns	3909	2035	1002	1009	<div style="width: 49%; background-color: #f0e68c;">49%</div>	<div style="width: 30%; background-color: #f0e68c;">30%</div>	<div style="width: 66%; background-color: #4caf50;">66%</div>	<div style="width: 75%; background-color: #4caf50;">75%</div>
CVSS 10	436	98	17	68	<div style="width: 17%; background-color: #f44336;">17%</div>	<div style="width: 1%; background-color: #f44336;">1%</div>	<div style="width: 58%; background-color: #4caf50;">58%</div>	<div style="width: 45%; background-color: #f0e68c;">45%</div>
Exploitable	1602	776	401	366	<div style="width: 52%; background-color: #4caf50;">52%</div>	<div style="width: 37%; background-color: #f0e68c;">37%</div>	<div style="width: 66%; background-color: #4caf50;">66%</div>	<div style="width: 58%; background-color: #4caf50;">58%</div>
Linux	734	630	51	558	<div style="width: 8%; background-color: #f44336;">8%</div>	<div style="width: 1%; background-color: #f44336;">1%</div>	<div style="width: 62%; background-color: #4caf50;">62%</div>	<div style="width: 100%; background-color: #4caf50;">100%</div>
Windows	2466	1334	925	418	<div style="width: 69%; background-color: #4caf50;">69%</div>	<div style="width: 68%; background-color: #4caf50;">68%</div>	<div style="width: 68%; background-color: #4caf50;">68%</div>	<div style="width: 74%; background-color: #4caf50;">74%</div>

Last Updated: Less than a minute ago



Exploitable Vulns



Client - Total Server - Total

Last Updated: 43 minutes ago

Dashboard Template Category Selection



Search Templates

Last Updated: **Sep 18, 2013 3:55**



Threat Detection & Vulnerability Assessments

214

Aid with identifying vulnerabilities and potential threats.

UPDATED



Monitoring

57

Provide intrusion monitoring, alerting and analysis.

UPDATED



Security Industry Trends

16

Influenced by trends, reports, and analysis from industry leaders.

UPDATED



Executive

9

Provide operational insight and metrics geared towards executives.

UPDATED



Compliance & Configuration Assessment

73

Aid with configuration, change and compliance management.

UPDATED



Discovery & Detection

17

Aid in trust identification, rogue detection, and new device discovery.

UPDATED

[Create Custom Component](#)

Finished

Questions?

rderaison@tenable.com