

NESSUS W12D1

TRACCIA:

Effettuare un Vulnerability Assessment con Nessus sulla macchina Metasploitable 2, indicando come target solo le porte comuni.

SOLUZIONE:

Scaricare Nessus da “<https://www.tenable.com/products/nessus/nessus-essentials>”, registrarsi e scaricarlo. Dal terminale kali:

```
(kali㉿kali)-[~]  
$ sudo dpkg -i Nessus-10.8.4-ubuntu1604_amd64.deb
```

Una volta installato...

```
(kali㉿kali)-[~]  
$ systemctl start nessusd.service
```

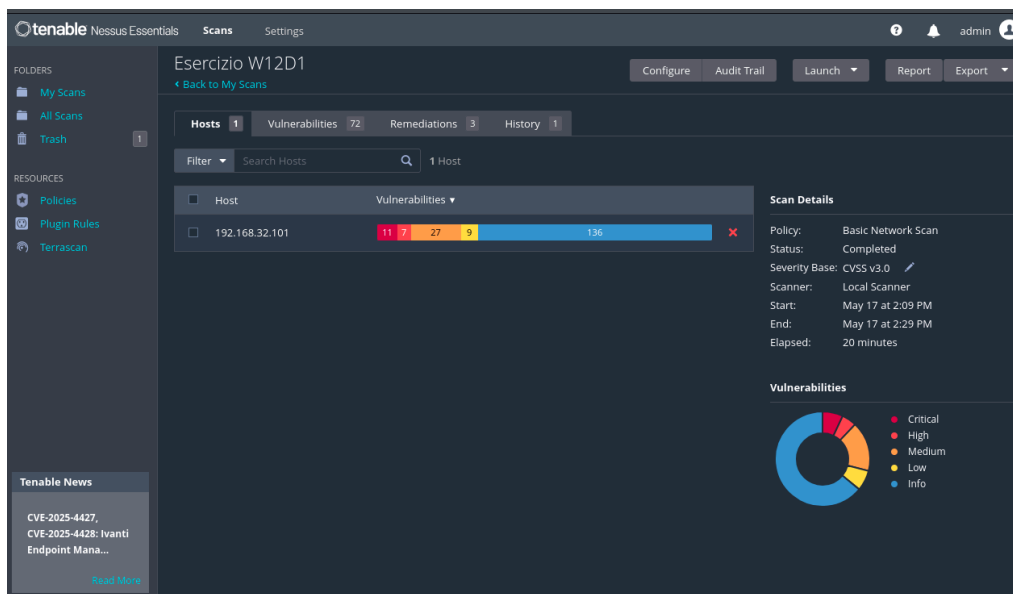
Aprire sul browser di kali “<https://kali:8834>”, accettare il rischio del sito, mandare avanti la configurazione, scegliere “Nessus Essentials”, skippare la registrazione ed inserire il codice arrivato tramite email.

Sul browser di kali cercare “<https://127.0.0.1:8834>” ed inserire le credenziali “admin” “admin”.

CREATE NEW SCAN → BASIC NETWORK SCAN → dare un nome e l’indirizzo del target →

DISCOVERY → COMMON PORTS → SAVE → *clickare su play*.

Risultati:



192.168.32.101



Vulnerabilities						Total: 123
SEVERITY	CVSS V3.0	VPR SCORE	EPSS SCORE	PLUGIN	NAME	
CRITICAL	9.8	-	-	134862	Apache Tomcat AJP Connector Request Injection (Ghostcat)	
CRITICAL	9.8	-	-	51988	Bind Shell Backdoor Detection	
CRITICAL	9.8	-	-	20007	SSL Version 2 and 3 Protocol Detection	
CRITICAL	10.0	-	-	171340	Apache Tomcat SEoL (<= 5.5.x)	
CRITICAL	10.0	-	-	201352	Canonical Ubuntu Linux SEoL (8.04.x)	
CRITICAL	10.0*	-	-	32314	Debian OpenSSH/OpenSSL Package Random Number Genera Weakness	
CRITICAL	10.0*	-	-	32321	Debian OpenSSH/OpenSSL Package Random Number Genera Weakness (SSL check)	
CRITICAL	10.0*	-	-	46882	UnrealIRCd Backdoor Detection	
CRITICAL	10.0*	-	-	61708	VNC Server 'password' Password	

HIGH	8.6	-	-	136769	ISC BIND Service Downgrade / Reflected DoS
HIGH	7.5	-	-	42256	NFS Shares World Readable
HIGH	7.5	-	-	42873	SSL Medium Strength Cipher Suites Supported (SWEET32)
HIGH	7.5	-	-	90509	Samba Badlock Vulnerability
HIGH	7.5*	-	-	10205	rlogin Service Detection
HIGH	7.5*	-	-	10245	rsh Service Detection
MEDIUM	6.8	-	-	33447	Multiple Vendor DNS Query ID Field Prediction Cache Poisoning
MEDIUM	6.5	-	-	139915	ISC BIND 9.x < 9.11.22, 9.12.x < 9.16.6, 9.17.x < 9.17.4 DoS
MEDIUM	6.5	-	-	51192	SSL Certificate Cannot Be Trusted
MEDIUM	6.5	-	-	57582	SSL Self-Signed Certificate
MEDIUM	6.5	-	-	104743	TLS Version 1.0 Protocol Detection
MEDIUM	6.5	-	-	42263	Unencrypted Telnet Server
MEDIUM	5.9	-	-	136808	ISC BIND Denial of Service
MEDIUM	5.9	-	-	31705	SSL Anonymous Cipher Suites Supported
MEDIUM	5.9	-	-	89058	SSL DROWN Attack Vulnerability (Decrypting RSA with Obsolete and Weakened eNcryption)
MEDIUM	5.9	-	-	65821	SSL RC4 Cipher Suites Supported (Bar Mitzvah)
MEDIUM	5.3	-	-	12085	Apache Tomcat Default Files
MEDIUM	5.3	-	-	12217	DNS Server Cache Snooping Remote Information Disclosure
MEDIUM	5.3	-	-	11213	HTTP TRACE / TRACK Methods Allowed
MEDIUM	5.3	-	-	57608	SMB Signing not required
MEDIUM	5.3	-	-	15901	SSL Certificate Expiry
MEDIUM	5.3	-	-	45411	SSL Certificate with Wrong Hostname
MEDIUM	5.3	-	-	26928	SSL Weak Cipher Suites Supported
MEDIUM	5.0*	-	-	10595	DNS Server Zone Transfer Information Disclosure (AXFR)
MEDIUM	4.0*	-	-	52611	SMTP Service STARTTLS Plaintext Command Injection
MEDIUM	4.3*	-	-	90317	SSH Weak Algorithms Supported
MEDIUM	4.3*	-	-	81606	SSL/TLS EXPORT_RSA <= 512-bit Cipher Suites Supported (FREAK)
LOW	3.7	-	-	70658	SSH Server CBC Mode Ciphers Enabled
LOW	3.7	-	-	153953	SSH Weak Key Exchange Algorithms Enabled
LOW	3.7	-	-	83875	SSL/TLS Diffie-Hellman Modulus <= 1024 Bits (Logjam)
LOW	3.7	-	-	83738	SSL/TLS EXPORT_DHE <= 512-bit Export Cipher Suites Supported (Logjam)
LOW	3.4	-	-	78479	SSLv3 Padding Oracle On Downgraded Legacy Encryption Vulnerability (POODLE)
LOW	2.1*	-	-	10114	ICMP Timestamp Request Remote Date Disclosure

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LOW	2.6*	-	-	71049	SSH Weak MAC Algorithms Enabled
LOW	2.6*	-	-	10407	X Server Detection

INFO	N/A	-	-	10223	RPC portmapper Service Detection
INFO	N/A	-	-	21186	AJP Connector Detection
INFO	N/A	-	-	18261	Apache Banner Linux Distribution Disclosure
INFO	N/A	-	-	48204	Apache HTTP Server Version
INFO	N/A	-	-	39446	Apache Tomcat Detection
INFO	N/A	-	-	39519	Backported Security Patch Detection (FTP)
INFO	N/A	-	-	84574	Backported Security Patch Detection (PHP)
INFO	N/A	-	-	39520	Backported Security Patch Detection (SSH)
INFO	N/A	-	-	39521	Backported Security Patch Detection (WWW)
INFO	N/A	-	-	45590	Common Platform Enumeration (CPE)
INFO	N/A	-	-	10028	DNS Server BIND version Directive Remote Version Detection
INFO	N/A	-	-	11002	DNS Server Detection
INFO	N/A	-	-	72779	DNS Server Version Detection
INFO	N/A	-	-	35371	DNS Server hostname.bind Map Hostname Disclosure
INFO	N/A	-	-	54615	Device Type
INFO	N/A	-	-	35716	Ethernet Card Manufacturer Detection
INFO	N/A	-	-	86420	Ethernet MAC Addresses
INFO	N/A	-	-	10092	FTP Server Detection
INFO	N/A	-	-	10107	HTTP Server Type and Version
INFO	N/A	-	-	24260	HyperText Transfer Protocol (HTTP) Information
INFO	N/A	-	-	11156	IRC Daemon Version Detection
INFO	N/A	-	-	10397	Microsoft Windows SMB LanMan Pipe Server Listing Disclosur
INFO	N/A	-	-	10785	Microsoft Windows SMB NativeLanManager Remote System Information Disclosure
INFO	N/A	-	-	11011	Microsoft Windows SMB Service Detection
INFO	N/A	-	-	100871	Microsoft Windows SMB Versions Supported (remote check)
INFO	N/A	-	-	106716	Microsoft Windows SMB2 and SMB3 Dialects Supported (rem check)
INFO	N/A	-	-	10719	MySQL Server Detection
INFO	N/A	-	-	10437	NFS Share Export List
INFO	N/A	-	-	11219	Nessus SYN scanner
INFO	N/A	-	-	19506	Nessus Scan Information
INFO	N/A	-	-	209654	OS Fingerprints Detected
INFO	N/A	-	-	11936	OS Identification
INFO	N/A	-	-	117886	OS Security Patch Assessment Not Available
INFO	N/A	-	-	181418	OpenSSH Detection
INFO	N/A	-	-	50845	OpenSSL Detection
INFO	N/A	-	-	48243	PHP Version Detection
INFO	N/A	-	-	66334	Patch Report
INFO	N/A	-	-	118224	PostgreSQL STARTTLS Support
INFO	N/A	-	-	26024	PostgreSQL Server Detection
INFO	N/A	-	-	22227	RMI Registry Detection
INFO	N/A	-	-	11111	RPC Services Enumeration
INFO	N/A	-	-	53335	RPC portmapper (TCP)
INFO	N/A	-	-	10263	SMTP Server Detection
INFO	N/A	-	-	42088	SMTP Service STARTTLS Command Support
INFO	N/A	-	-	70657	SSH Algorithms and Languages Supported
INFO	N/A	-	-	149334	SSH Password Authentication Accepted
INFO	N/A	-	-	10881	SSH Protocol Versions Supported
INFO	N/A	-	-	153588	SSH SHA-1 HMAC Algorithms Enabled

INFO	N/A	-	-	10267	SSH Server Type and Version Information
INFO	N/A	-	-	56984	SSL / TLS Versions Supported
INFO	N/A	-	-	45410	SSL Certificate 'commonName' Mismatch
INFO	N/A	-	-	10863	SSL Certificate Information
INFO	N/A	-	-	70544	SSL Cipher Block Chaining Cipher Suites Supported
INFO	N/A	-	-	21643	SSL Cipher Suites Supported
INFO	N/A	-	-	62563	SSL Compression Methods Supported
INFO	N/A	-	-	57041	SSL Perfect Forward Secrecy Cipher Suites Supported
INFO	N/A	-	-	51891	SSL Session Resume Supported
INFO	N/A	-	-	156899	SSL/TLS Recommended Cipher Suites
INFO	N/A	-	-	25240	Samba Server Detection
INFO	N/A	-	-	104887	Samba Version
INFO	N/A	-	-	96982	Server Message Block (SMB) Protocol Version 1 Enabled (uncredentialed check)
INFO	N/A	-	-	22964	Service Detection
INFO	N/A	-	-	17975	Service Detection (GET request)
INFO	N/A	-	-	11153	Service Detection (HELP Request)
INFO	N/A	-	-	25220	TCP/IP Timestamps Supported
INFO	N/A	-	-	11819	TFTP Daemon Detection
INFO	N/A	-	-	110723	Target Credential Status by Authentication Protocol - No Credentials Provided
INFO	N/A	-	-	10281	Telnet Server Detection
INFO	N/A	-	-	10287	Traceroute Information
INFO	N/A	-	-	11154	Unknown Service Detection: Banner Retrieval
INFO	N/A	-	-	19288	VNC Server Security Type Detection
INFO	N/A	-	-	65792	VNC Server Unencrypted Communication Detection
INFO	N/A	-	-	10342	VNC Software Detection
INFO	N/A	-	-	135860	WMI Not Available
INFO	N/A	-	-	20108	Web Server / Application favicon.ico Vendor Fingerprinting
INFO	N/A	-	-	11422	Web Server Unconfigured - Default Install Page Present
INFO	N/A	-	-	11424	WebDAV Detection
INFO	N/A	-	-	10150	Windows NetBIOS / SMB Remote Host Information Disclosure
INFO	N/A	-	-	52703	vsftpd Detection