Traccia:

Esercizio Traccia Effettuare un Vulnerability Assessment con Nessus sulla macchina Metasploitable indicando come target solo le porte comuni (potete scegliere come scansione il «basic network scan», o l'advanced e poi configurarlo) A valle del completamento della scansione, analizzate attentamente il report per ognuna delle vulnerabilità riportate, approfondendo qualora necessario con i link all'interno dei report e/o con contenuto da Web.

Ambiente:

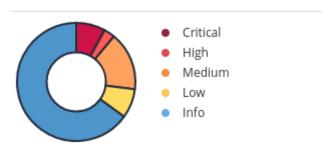
- -Kali Linux VM 192.168.1.100 Bridged
- -Metasplotable VM 192.168.1.101 Bridged

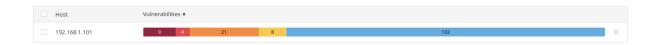
Svolgimento:

Scan Details

Policy: Basic Network Scan
Status: Completed
Severity Base: CVSS v3.0
Scanner: Local Scanner
Start: Today at 5:45 AM
End: Today at 6:12 AM
Elapsed: 27 minutes

Vulnerabilities





Report:

SEVERITY	CVSS V3.0	VPR SCORE	PLUGIN	NAME
CRITICAL	9.8	9.0	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	-	33850	Unix Operating System Unsupported Version Detection
CRITICAL	10.0*	5.1	32314	Debian OpenSSH/OpenSSL Package Random Number Generator Weakness
CRITICAL	10.0*	5.1	32321	Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)
CRITICAL	10.0*	-	61708	VNC Server 'password' Password
HIGH	8.6	5.2	136769	ISC BIND Service Downgrade / Reflected DoS
HIGH	7.5	5.1	42873	SSL Medium Strength Cipher Suites Supported (SWEET32)
HIGH	7.5	5.9	90509	Samba Badlock Vulnerability
MEDIUM	6.5	3.6	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	5.9	4.4	136808	ISC BIND Denial of Service
MEDIUM	5.9	4.4	31705	SSL Anonymous Cipher Suites Supported
MEDIUM	5.9	4.4	89058	SSL DROWN Attack Vulnerability (Decrypting RSA with Obsolete and Weakened eNcryption)
MEDIUM	5.9	4.4	65821	SSL RC4 Cipher Suites Supported (Bar Mitzvah)
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	4.0*	6.3	52611	SMTP Service STARTTLS Plaintext Command Injection
MEDIUM	4.3*	-	90317	SSH Weak Algorithms Supported
MEDIUM	4.3*	3.7	81606	SSL/TLS EXPORT_RSA <= 512-bit Cipher Suites Supported (FREAK)
LOW	3.7	3.6	70658	SSH Server CBC Mode Ciphers Enabled
LOW	3.7	-	153953	SSH Weak Key Exchange Algorithms Enabled
LOW	3.7	3.9	83738	SSL/TLS EXPORT_DHE <= 512-bit Export Cipher Suites Supported (Logjam)
LOW	3.4	5.1	78479	SSLv3 Padding Oracle On Downgraded Legacy Encryption Vulnerability (POODLE)
LOW	2.1*	4.2	10114	ICMP Timestamp Request Remote Date Disclosure
LOW	2.6*	-	71049	SSH Weak MAC Algorithms Enabled
LOW	2.6*	-	10407	X Server Detection
INFO	N/A	-	10223	RPC portmapper Service Detection

Description and solution: