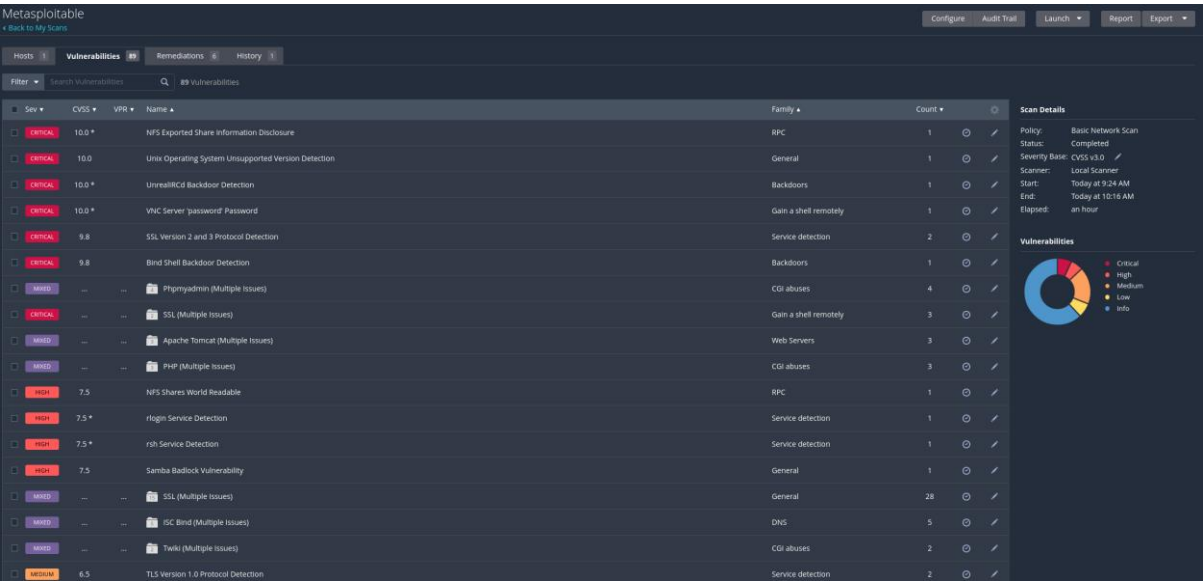


Abbiamo scansionato le vulnerabilità della macchina Metasploitable tramite l'uso di Nessus:



I risultati ci mostrano molte vulnerabilità con vari gradi di importanza.



<input type="checkbox"/>	Medium	...	...	Phpmyadmin (Multiple Issues)	CGI abuses : XSS	2	🔍	✓
<input type="checkbox"/>	Mixed	...	...	SMB (Multiple Issues)	Misc.	2	🔍	✓
<input type="checkbox"/>	Mixed	...	...	TLS (Multiple Issues)	Misc.	2	🔍	✓
<input type="checkbox"/>	Mixed	...	...	TLS (Multiple Issues)	SMTP problems	2	🔍	✓
<input type="checkbox"/>	Low	3.7		SSL/TLS Diffie-Hellman Modulus <= 1024 Bits (Logjam)	Misc.	1	🔍	✓
<input type="checkbox"/>	Low	2.6 *		X Server Detection	Service detection	1	🔍	✓
<input type="checkbox"/>	Mixed	...	...	Web Server (Multiple Issues)	Web Servers	11	🔍	✓
<input type="checkbox"/>	Info	...	...	SMB (Multiple Issues)	Windows	7	🔍	✓
<input type="checkbox"/>	Info	...	...	HTTP (Multiple Issues)	Web Servers	6	🔍	✓
<input type="checkbox"/>	Info	...	...	HTTP (Multiple Issues)	CGI abuses	4	🔍	✓
<input type="checkbox"/>	Info	...	...	TLS (Multiple Issues)	General	4	🔍	✓
<input type="checkbox"/>	Info	...	...	FTP (Multiple Issues)	Service detection	3	🔍	✓
<input type="checkbox"/>	Info	...	...	VNC (Multiple Issues)	Service detection	3	🔍	✓
<input type="checkbox"/>	Info	...	...	Apache HTTP Server (Multiple Issues)	Web Servers	2	🔍	✓
<input type="checkbox"/>	Info	...	...	RPC (Multiple Issues)	RPC	2	🔍	✓
<input type="checkbox"/>	Info	...	...	SSH (Multiple Issues)	General	2	🔍	✓
<input type="checkbox"/>	Info	...	...	SSH (Multiple Issues)	Service detection	2	🔍	✓
<input type="checkbox"/>	Info			Nessus SYN scanner	Port scanners	25	🔍	✓
<input type="checkbox"/>	Info			RPC Services Enumeration	Service detection	10	🔍	✓
<input type="checkbox"/>	Info			Service Detection	Service detection	9	🔍	✓
<input type="checkbox"/>	Info			DNS Server Detection	DNS	2	🔍	✓

Se ad esempio proviamo ad aprire il log del primo risultato di livello critico Nessus ci mostrerà diverse opzioni, tra cui:

- tempo di scansione;
- host;
- nome vulnerabilità;
- descrizione dettagliata;
- link correlati;
- possibili soluzioni;
- rischi;

Ogni risultato avrà una soluzione e un log diversi in base alla sua funzione e gravità.

Per eseguire questo tipo di ricerca abbiamo usato il plug in ""basic network scan"

Metasploitable / Plugin #11356

[← Back to Vulnerabilities](#)

Hosts 1

Vulnerabilities 89

Remediations 6

History 1

CRITICAL NFS Exported Share Information Disclosure

Description

At least one of the NFS shares exported by the remote server could be mounted by the scanning host. An attacker may be able to leverage this to read (and possibly write) files on remote host.

Solution

Configure NFS on the remote host so that only authorized hosts can mount its remote shares.

Output

The following NFS shares could be mounted :

```
+ /
+ Contents of / :
- .
- ..
- bin
- boot
- cdrom
- dev
- etc
- home
- initrd
- initrd.img
- lib
- lost+found
- media
- mnt
- nohup.out
- opt
- proc
- root
- sbin
- srv
- sys
- tmp
- usr
- var
- vmlinuz
less...
```

To see debug logs, please visit individual host

Port ▲

Hosts

2049 / udp / rpc-nfs

192.168.49.101

Altri esempi di vulnerabilità sia critica che bassa:

Metasploitable / Plugin #10407

[← Back to Vulnerabilities](#)

Hosts 1

Vulnerabilities 89

Remediations 6

History 1

LOW

X Server Detection

Description

The remote host is running an X11 server. X11 is a client-server protocol that can be used to display graphical applications running on a given host on a remote client.

Since the X11 traffic is not ciphered, it is possible for an attacker to eavesdrop on the connection.

Solution

Restrict access to this port. If the X11 client/server facility is not used, disable TCP support in X11 entirely (-nolisten tcp).

Output

```
X11 Version : 11.0
```

To see debug logs, please visit individual host

Port ▲

Hosts

6000 / tcp / x11

192.168.49.101

Metasploitable / Plugin #32321

[← Back to Vulnerability Group](#)

Hosts 1

Vulnerabilities 89

Remediations 6

History 1

CRITICAL

Debian OpenSSH/OpenSSL Package Random Number Generator Weakness (SSL check)

Description

The remote x509 certificate on the remote SSL server has been generated on a Debian or Ubuntu system which contains a bug in the random number generator of its OpenSSL library.

The problem is due to a Debian packager removing nearly all sources of entropy in the remote version of OpenSSL.

An attacker can easily obtain the private part of the remote key and use this to decipher the remote session or set up a man in the middle attack.

Solution

Consider all cryptographic material generated on the remote host to be guessable. In particular, all SSH, SSL and OpenVPN key material should be re-generated.

See Also

<http://www.nessus.org/u?107f9bdc>

<http://www.nessus.org/u?f14f4224>

Output

```
No output recorded.
```

To see debug logs, please visit individual host

Port ▲

Hosts

5432 / tcp / postgresql

192.168.49.101

25 / tcp / smtp

192.168.49.101

Vengono inoltre considerati anche delle "info" generali di alcuni funzionamenti interni della

macchina che potrebbero in futuro portare a delle possibili vulnerabilità:

Hosts1

Vulnerabilities89

Remediations6

History1

INFO TWiki Detection

Description

The remote host is running TWiki, an open source wiki system written in Perl.

See Also

<http://twiki.org>

Output

```
URL      : http://192.168.49.101/twiki/bin/view/Main
Version  : 01 Feb 2003
```

To see debug logs, please visit individual host

Port ▲	Hosts
80 / tcp / www	192.168.49.101

