1. Use the ping command to test the connectivity to a remote server (e.g., example.com).

```
└─$ ping example.com
PING example.com (93.184.215.14) 56(84) bytes of data.
64 bytes from 93.184.215.14: icmp_seq=1 ttl=128 time=230 ms
64 bytes from 93.184.215.14: icmp_seq=2 ttl=128 time=230 ms
64 bytes from 93.184.215.14: icmp_seq=3 ttl=128 time=236 ms
64 bytes from 93.184.215.14: icmp_seq=4 ttl=128 time=238 ms
64 bytes from 93.184.215.14: icmp_seq=5 ttl=128 time=233 ms
64 bytes from 93.184.215.14: icmp_seq=6 ttl=128 time=229 ms
64 bytes from 93.184.215.14: icmp_seq=7 ttl=128 time=251 ms
64 bytes from 93.184.215.14: icmp_seq=8 ttl=128 time=233 ms
64 bytes from 93.184.215.14: icmp_seq=9 ttl=128 time=230 ms
64 bytes from 93.184.215.14: icmp_seq=10 ttl=128 time=238 ms
64 bytes from 93.184.215.14: icmp_seq=11 ttl=128 time=252 ms
64 bytes from 93.184.215.14: icmp_seq=12 ttl=128 time=255 ms
64 bytes from 93.184.215.14: icmp_seq=13 ttl=128 time=250 ms
64 bytes from 93.184.215.14: icmp_seq=14 ttl=128 time=231 ms
64 bytes from 93.184.215.14: icmp_seq=15 ttl=128 time=247 ms
64 bytes from 93.184.215.14: icmp_seq=16 ttl=128 time=253 ms
64 bytes from 93.184.215.14: icmp_seq=18 ttl=128 time=234 ms
64 bytes from 93.184.215.14: icmp_seq=45 ttl=128 time=230 ms
64 bytes from 93.184.215.14: icmp_seq=46 ttl=128 time=233 ms
^с

    example.com ping statistics

46 packets transmitted, 45 received, 2.17391% packet loss, time 45072ms
rtt min/avg/max/mdev = 228.684/236.077/255.493/7.857 ms
```

2. Write a script to measure the round-trip time for each packet and analyze the results.

```
(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]

$\frac{1}{3}\text{./lab_8_2.sh}$

Min RTT: max ms, Avg RTT: 232.984 ms, Max RTT: 5.058 ms ms
```

```
#!/bin/bash
# Set the target host
TARGET="example.com"
# Ping the target and extract round-trip times
ping -c 10 $TARGET | awk -F'/' 'END {print "Min RTT: " $3 " ms, Avg RTT: " $5 " ms, Max RTT: " $7 " ms"}'
```

3. Use the traceroute to trace the route packets take to a destination

```
-$ traceroute example.com
traceroute to example.com (93.184.215.14), 30 hops max, 60 byte packets
    192.168.68.2 (192.168.68.2) 0.788 ms 0.707 ms
 3
 8
 9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
```

4. Analyze the output to identify any potential bottlenecks or points of failure in the route.

## **Analyze Traceroute Output**

When analyzing the output of the traceroute, look for:

- **High Latency**: Identify any hops with significantly higher response times.
- **Timeouts**: Any \* \* \* entries indicate that a hop did not respond. This may suggest a potential bottleneck or a firewall blocking ICMP packets.
- Consistent Delays: If a hop consistently shows delays, it could be a point of failure.
- 5. Use the nslookup command to find the IP address of a given domain (e.g., example.com).

```
(kali® kali)-[~/.../CYS/Unit1/glob/linux_8]
$ nslookup example.com
Server: 192.168.68.2
Address: 192.168.68.2#53

Non-authoritative answer:
Name: example.com
Address: 93.184.215.14
Name: example.com
Address: 2606:2800:21f:cb07:6820:80da:af6b:8b2c
```

6. Use the netstat command to view active connections and listening ports on your machine.

his command shows:

- -t: TCP connections
- -u: UDP connections
- -1: only listening ports
- -n: show numerical addresses instead of resolving hostnames

```
-(kali⊛kali)-[~/…/CYS/Unit1/glob/linux_8]
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address
                                                Foreign Address
                                                                           State
                   0 [::]:ipv6-icmp
                                                [::]:*
Active UNIX domain sockets (only servers)
                           Type
STREAM
Proto RefCnt Flags
                                       State
                                                       I-Node
                                                                 Path
                                                                 /tmp/.X11-unix/X0
/tmp/ssh-WpQptTdqMY70/agent.1072
                ACC
                                       LISTENING
                                                       7700
unix 2
                ACC
                           STREAM
                                       LISTENING
                                                       8974
unix
unix
      2
                ACC
                           STREAM
                                       LISTENING
                                                       8163
                                                                 /tmp/.ICE-unix/1072
                                                                 /run/dbus/system_bus_socket
unix
                ACC
                           STREAM
                                       LISTENING
                                                       406
                ACC
                           STREAM
                                       LISTENING
                                                       408
                                                                 /run/pcscd/pcscd.comm
unix
                ACC
                           STREAM
                                       LISTENING
                                                       7981
                                                                 /run/user/1000/systemd/private
                ACC
                           STREAM
                                       LISTENING
                                                       7990
                                                                 /run/user/1000/bus
unix
                ACC
                           STREAM
                                       LISTENING
                                                       7991
                                                                 /run/user/1000/gnupg/S.dirmngr
unix
                                                                 /run/user/1000/gcr/ssh
/run/user/1000/keyring/control
                           STREAM
                                       LISTENING
                                                       7993
unix
                ACC
                           STREAM
                                       LISTENING
                                                       7995
unix
                                                                 /run/user/1000/gnupg/S.gpg-agent.browser
      2
                ACC
                           STREAM
                                                       7997
unix
                                       LISTENING
                                                                 /run/user/1000/gnupg/S.gpg-agent.extra
/run/user/1000/gnupg/S.gpg-agent.ssh
unix
                ACC
                           STREAM
                                       LISTENING
                                                       7999
unix
                ACC
                           STREAM
                                       LISTENING
                                                       8001
                                                                 /run/user/1000/gnupg/S.gpg-agent
                           STREAM
                                       LISTENING
                                                       8003
unix
                           STREAM
                                       LISTENING
                                                       8005
                                                                 /run/user/1000/pulse/native
                ACC
                           STREAM
                                       LISTENING
unix
                                                       3691
                                                                 /run/systemd/private
                ACC
                           STREAM
                                       LISTENING
                                                       8007
                                                                 /run/user/1000/pipewire-0
unix
                                       LISTENING
                ACC
                           STREAM
                                                       8009
                                                                 /run/user/1000/pipewire-0-manager
unix
                ACC
                           STREAM
                                                       3693
                                                                 /run/systemd/userdb/io.systemd.DynamicUser
                                       LISTENING
unix
                                                                 /run/systemd/io.systemd.ManagedOOM
unix
      2
                ACC
                           STREAM
                                       LISTENING
                                                       3694
unix
                ACC
                           STREAM
                                       LISTENING
                                                       6660
                                                                 /run/systemd/fsck.progress
                                                                 /run/systemd/journal/stdout
unix
                ACC
                           STREAM
                                       LISTENING
                                                       6665
                ACC
                           SEQPACKET
                                       LISTENING
                                                       6667
                                                                 /run/udev/control
                           STREAM
                                        LISTENING
                                                                 /run/user/1000/keyring/pkcs11
unix
                                                       8947
                           STREAM
                                       LISTENING
                                                       9010
                                                                 /run/user/1000/at-spi/bus_0
                ACC
                           STREAM
                                                                 /run/systemd/journal/io.systemd.journal
                ACC
                                       LISTENING
                                                       7092
```

7. Use the ifconfig (Linux) or ip a command to display network interface configurations.

```
(kali® kali)-[~/.../CYS/Unit1/glob/linux_8]

i p a

1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00 brd 00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever

2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:0c:29:b8:ed:0d brd ff:ff:ff:ff:
    inet 192.168.68.132/24 brd 192.168.68.255 scope global dynamic noprefixroute eth0
        valid_lft 1339sec preferred_lft 1339sec
    inet6 fe80::7cf1:1bd7:5c1c:973e/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
```

8. Write a script to report document the configuration of each interface, noting the IP address, subnet mask, and any other relevant information.

9. Perform a basic network scan using nmap on your local network to identify active devices and open ports.

```
(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]
$ nmap -sP 192.168.1.0/24
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-10-18 04:58 EDT
Nmap done: 256 IP addresses (0 hosts up) scanned in 103.26 seconds

(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]
$ nmap -sn 192.168.1.0/24
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-10-18 05:00 EDT
Stats: 0:01:19 elapsed; 0 hosts completed (0 up), 256 undergoing Ping Scan
Ping Scan Timing: About 77.15% done; ETC: 05:02 (0:00:23 remaining)
```

10. Create a report summarizing the devices found, their IP addresses, and the services running on the open ports.

```
Open  
Starting Nmap 7.94SVN (https://nmap.org ) at 2024-10-18 05:04 EDT Nmap done: 256 IP addresses (0 hosts up) scanned in 104.64 seconds
```

11. Capture network packets using tcpdump on a specific interface.

```
(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
```

```
(kali® kali)-[~/.../CYS/Unit1/glob/linux_8]
$ sudo tcpdump -i eth0 -w capture.pcap
[sudo] password for kali:
tcpdump: listening on eth0, link-type EN10MB (Ethernet), snapshot length 262144 b
ytes
^D^C13 packets captured
13 packets received by filter
0 packets dropped by kernel
```

12. Analyze the captured packets for specific protocols (like HTTP or DNS) and summarize your findings.

```
(kali® kali)-[~/.../CYS/Unit1/glob/linux_8]
$ tcpdump -r capture.pcap -A -s 0 'tcp port 80'
reading from file capture.pcap, link-type EN10MB (Ethernet), snapshot length 2621
44
```

- 13. Use the whois command to gather registration information about a domain.
- 14. Use the hostname command to display and change the hostname of your machine.

```
li®kali)-[~/.../CYS/Unit1/glob/linux_8]
$ hostname
   -(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
 –$ <u>sudo</u> <u>kali</u> pratik
sudo: kali: command not found
  -(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
$ sudo hostname pratik
  -(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
s hostname
pratik
$ sudo hostname kali
^[[A^[[Asudo: unable to resolve host pratik: Te
^[[A^[[A
  -(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
   -(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
s hostname
kali
  -(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
```

15. Use the finger command to gather information about users on a system.

```
(kali⊕ kali)-[~/.../CYS/Unit1/glob/linux_8]

$\finger
Login Name Tty Idle Login Time Office Office Phone kali tty7 1:05 Oct 18 04:29 (:0)
```

16. Use the who command to see who is currently logged into the system and the last command to view the login history.

```
-(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
kali
                      2024-10-18 04:29 (:0)
         tty7
  -(kali®kali)-[~/.../CYS/Unit1/glob/linux_8]
L$ last
kali
         tty7
                       :0
                                        Fri Oct 18 04:29
                                                            still logged in
reboot
         system boot
                      6.6.15-amd64
                                        Fri Oct 18 04:29
                                                            still running
         system boot
                      6.6.15-amd64
                                        Fri Oct 18 04:28 - 04:29
                                                                   (00:00)
reboot
                                        Wed Oct 16 02:54 - 02:59
                                                                   (00:04)
kali
         tty7
                      :0
                                        Wed Oct 16 02:54 - 02:59
reboot
         system boot
                      6.6.15-amd64
                                                                   (00:04)
                                        Wed Oct 16 01:48 - 02:54
kali
         tty7
                      :0
                                                                   (01:05)
         system boot 6.6.15-amd64
                                        Wed Oct 16 01:47 - 02:54
                                                                  (01:06)
reboot
                                        Fri Oct 4 04:57 - 06:24 (5+01:26)
kali
         tty7
                      :0
                                                4 04:51 - 06:24 (5+01:32)
reboot
         system boot
                     6.6.15-amd64
                                        Fri Oct
                                                3 00:53 - crash (1+03:57)
kali
         tty7
                      :0
                                        Thu Oct
reboot
         system boot
                      6.6.15-amd64
                                        Thu Oct
                                                3 00:52 - crash (1+03:58)
                                        Thu Sep 12 04:07 - 04:07
                      6.6.15-amd64
reboot
         system boot
                                                                   (00:00)
                                        Thu Sep 12 04:02 - 04:04
reboot
         system boot
                      6.6.15-amd64
                                                                   (00:01)
kali
                       :0
                                        Wed Sep 11 19:25 - 21:32
                                                                   (02:07)
         tty7
```

## **XARGS**

1. Write a shell script called testurl.sh that accepts a list of urls in a separate file and tests if the website is up or not.

```
#!/bin/bash
# Check if a filename is provided
if [ $# -ne 1 ]; then
  echo "Usage: $0 <url_file>"
  exit 1
fi
# Check if the file exists
if [ ! -f "$1" ]; then
  echo "File not found: $1"
  exit 1
fi
# Read each URL from the file and check its status
while IFS= read -r url; do
  if curl -s --head "$url" | grep "200 OK" > /dev/null; then
    echo "$url is up."
  else
    echo "$url is down."
  fi
done < "$1"
```

```
(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]
$ chmod +x testurl.sh
```

```
http://example.com
http://nonexistentwebsite.xyz
https://www.google.com
https://www.github.com
http://thisurldoesnotexist12345.com
```

```
(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]
$ ./testurl.sh urls.txt
http://example.com is up.
http://nonexistentwebsite.xyz is down.
https://www.google.com is down.
https://www.github.com is down.
http://thisurldoesnotexist12345.com is down.
```

2. Create a shell script called diskhog.sh that lists the 5 largest items (files or directories) in the current directory in decreasing order of size.

```
#!/bin/bash

# Check if the current directory is specified
if [ "$1" ]; then
  cd "$1" || { echo "Directory not found: $1"; exit 1; }
fi

# List the 5 largest items in the current directory
du -ah . | sort -rh | head -n 5
```

```
(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]
$ chmod +x diskhog.sh

(kali@ kali)-[~/.../CYS/Unit1/glob/linux_8]
$ ./diskhog.sh

32K .
4.0K ./urls.txt
4.0K ./testurl.sh
4.0K ./report.txt
4.0K ./lab_8_8.sh
```

3. compress all .log files found in the /var/logs/ directory?

```
-(kali®kali)-[/var/log]
s gzip *.log
gzip: alternatives.log.gz: Permission denied
gzip: boot.log: Permission denied
gzip: dpkg.log.gz: Permission denied
gzip: fontconfig.log.gz: Permission denied
gzip: vmware-network.1.log.gz: Permission denied
gzip: vmware-network.2.log.gz: Permission denied
gzip: vmware-network.3.log.gz: Permission denied
gzip: vmware-network.4.log.gz: Permission denied
gzip: vmware-network.5.log.gz: Permission denied
gzip: vmware-network.6.log.gz: Permission denied
gzip: vmware-network.7.log.gz: Permission denied
gzip: vmware-network.8.log.gz: Permission denied
gzip: vmware-network.9.log.gz: Permission denied
gzip: vmware-network.log.gz: Permission denied
gzip: vmware-vmsvc-root.1.log: Permission denied
gzip: vmware-vmsvc-root.2.log: Permission denied
gzip: vmware-vmsvc-root.3.log: Permission denied
gzip: vmware-vmsvc-root.log: Permission denied
gzip: vmware-vmtoolsd-kali.log: Permission denied
gzip: vmware-vmtoolsd-root.log: Permission denied
gzip: vmware-vmusr-kali.log: Permission denied
gzip: Xorg.0.log.gz: Permission denied
gzip: Xorg.1.log.gz: Permission denied
```

4. delete all temporary files older than 7 days from the /tmp/ directory?

```
(kali@kali)-[/]

$ cd tmp

(kali@kali)-[/tmp]

$ ls

ssh-fvf14YJj7pL3

systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-colord.service-uZLFAN

systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-haveged.service-8yDHbs

systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-ModemManager.service-LHIRR2

systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-polkit.service-SCMymP

systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-systemd-logind.service-UrhJTv

systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-upower.service-OmQzC8

VMwareDnD

vmware-root_557-4282236562
```

```
(kali⊕kali)-[/]
 -$ find /tmp/ -type f -mtime +7 -exec rm -f \{\}\ \;
find: '/tmp/systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-ModemManager.service-LHIRR2': P
ermission denied
find: '/tmp/systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-colord.service-uZLFAN': Permiss
ion denied
find: '/tmp/systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-polkit.service-SCMymP': Permiss
ion denied
find: '/tmp/systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-haveged.service-8yDHbs': Permis
sion denied
find: '/tmp/systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-upower.service-0mQzC8': Permiss
ion denied
find: '/tmp/vmware-root_557-4282236562': Permission denied
find: '/tmp/systemd-private-3e1a0b15aedd43e59a745ea0a924d5ca-systemd-logind.service-UrhJTv':
 Permission denied
  -(kali⊕kali)-[/]
 -$ sudo find /tmp/ -type f -mtime +7 -exec rm -f {} \;
  -(kali⊛kali)-[/]
 -$ cd tmp
```

find /tmp/: Searches within the /tmp/ directory.

- -type f: Specifies that you're looking for files (not directories).
- -mtime +7: Finds files that were last modified more than 7 days ago.
- -exec rm -f { } \;: For each file found, the rm -f command is executed to forcefully delete the file.

6. search for the string "auth" in all .conf files in the /etc/ directory

```
sqrep -r "auth" /etc/*.conf
/etc/legion.conf:services="asterisk,afp,cisco,cisco-enable,cvs,firebird,ftp,ftps,http-head,h
ttp-get,https-head,https-get.http-get-form,https-get-form,https-post-form,http-proxy-urlenum,icq,imap,imaps,irc,ldap2,ldap2,ldap3,ldap3,ldap3-crammd5,ldap3-
crammd5s,ldap3-digestmd5,ldap3-digestmd5s,mssql,mysql,ncp,nntp,oracle-listener,oracle-sid,pc
anywhere,pcnfs,pop3,pop3s,postgres,rdp,rexec,rlogin,rsh,s7-300,sip,smb,smtp,smtps,smtp-enum,
snmp,socks5,ssh,sshkey,svn,teamspeak,telnet,telnets,vmaurid,vnc,xmpp"
/etc/legion.conf:http-auth-finder.nse=http-auth-finder.nse, "nmap -Pn [IP] -p [PORT] --scrip
t=http-auth-finder.nse --script-args=unsafe=1", "http,https,ssl,soap,http-proxy,http-alt,htt
ps-alt"
/etc/legion.conf:http-auth.nse=http-auth.nse, "nmap -Pn [IP] -p [PORT] --script=http-auth.ns
e --script-args=unsafe=1", "http,https,ssl,soap,http-proxy,http-alt,https-alt"
/etc/legion.conf:realvnc-auth-bypass.nse=realvnc-auth-bypass.nse, "nmap -Pn [IP] -p [PORT] --script=realvnc-auth-bypass.nse --script-args=unsafe=1", vnc
/etc/nfs.conf:# debug="all|auth|call|general|parse"
/etc/nfs.conf:# debug="all|auth|call|general|parse"
/etc/sudo_logsrvd.conf:# Path to a certificate authority bundle file in PEM format to use
/etc/sudo_logsrvd.conf:# Path to a certificate authority bundle file in PEM format to use
/etc/sudo_logsrvd.conf:# The following syslog facilities are supported: authority database.
/etc/sudo_logsrvd.conf:# The following syslog facilities are supported: authority database.
/etc/sudo_logsrvd.conf:# Supports it), auth, daemon, user, local0, local1, local2, local3,
/etc/sudo_logsrvd.conf:# $authType -- argument to Xvnc specifying authentication type
/etc/tightvncserver.conf:# $authType -- argument to Xvnc specifying authentication type
/etc/tightvncserver.conf:# $authType -- argument to Xvnc specifying authentication type
/etc/tightvncserver.conf:# $authType -- argument to Xvnc specifying authentication type
/etc/tightvncserver.conf:# $authType -- argument to Xvnc specifying authenticat
```

7. count the number of "failed" login attempts in all .log files in /var/log/?

```
sprep -i "failed" /var/log/*.log | wc -l
grep: /var/log/boot.log: Permission denied
grep: /var/log/vmware-vmsvc-root.1.log: Permission denied
grep: /var/log/vmware-vmsvc-root.2.log: Permission denied
grep: /var/log/vmware-vmsvc-root.3.log: Permission denied
grep: /var/log/vmware-vmsvc-root.log: Permission denied
grep: /var/log/vmware-vmtoolsd-kali.log: Permission denied
grep: /var/log/vmware-vmtoolsd-root.log: Permission denied
grep: /var/log/vmware-vmusr-kali.log: Permission denied
2
```

8. rename all .txt files in the current directory by appending .bak

```
(kali@ kali)-[~/.../CYS/Unit1/glob/bak]
$ touch a.txt b.txt c.txt d.txt e.txt

(kali@ kali)-[~/.../CYS/Unit1/glob/bak]
$ ls
a.txt b.txt c.txt d.txt e.txt
```

```
#!/bin/bash

# Loop through all .txt files in the current directory
for file in *.txt; do
    # Check if the file exists (in case there are no .txt files)
    if [[ -e "$file" ]]; then
        mv "$file" "${file%.txt}.bak"
        echo "Renamed '$file' to '${file%.txt}.bak'"
    fi
done
S
```

9. Write a shell script to check if a list of users from users.txt exist in the system.

```
user1
user2
user3
user4
pratik
S
```

```
#!/bin/bash

# Loop through each user in users.txt
while read -r user; do
    if id "$user" &>/dev/null; then
        echo "$user exists."
    else
        echo "$user does not exist."
    fi
done < users.txt
```

```
(kali⊗ kali)-[~/.../CYS/Unit1/glob/bak]
$ ./check_users.sh
user1 does not exist.
user2 does not exist.
user3 does not exist.
user4 does not exist.
pratik does not exist.
kali exists.
```

10. search for keywords like "ERROR" or "CRITICAL" in all log files over 1MB in size.

```
(kali® kali)-[~/.../CYS/Unit1/glob/bak]
$ find /var/log/ -type f -name "*.log" -size +1M -exec grep -E "ERROR|CRITICAL" {} \;
find: '/var/log/lightdm': Permission denied
find: '/var/log/private': Permission denied
find: '/var/log/speech-dispatcher': Permission denied
find: '/var/log/inetsim': Permission denied
```