kali@kali: ~

File   Actions   Edit   View   Help

```
E: Could not open lock file /var/lib/apt/lists/lock - open (13: Permission denied)
E: Unable to lock directory /var/lib/apt/lists/
W: Problem unlinking the file /var/cache/apt/pkgcache.bin - RemoveCaches (13: Permission denied)
W: Problem unlinking the file /var/cache/apt/srcpkgcache.bin - RemoveCaches (13: Permission denied)

┌──(kali㉿kali)-[~]
└─$ sudo apt install ufw
Installing:
  ufw

Suggested packages:
  rsyslog

Summary:
  Upgrading: 0, Installing: 1, Removing: 0, Not Upgrading: 459
  Download size: 169 kB
  Space needed: 880 kB / 36.5 GB available

Ign:1 http://mirror.sg.gs/kali kali-rolling/main amd64 ufw all 0.36.2-9
Ign:1 http://mirror.sg.gs/kali kali-rolling/main amd64 ufw all 0.36.2-9
Get:1 http://mirror.sg.gs/kali kali-rolling/main amd64 ufw all 0.36.2-9 [169 kB]
Fetched 169 kB in 58s (2,924 B/s)
Preconfiguring packages ...
Selecting previously unselected package ufw.
(Reading database ... 412803 files and directories currently installed.)
Preparing to unpack .../archives/ufw_0.36.2-9_all.deb ...
Unpacking ufw (0.36.2-9) ...
Setting up ufw (0.36.2-9) ...
Creating config file /etc/ufw/before.rules with new version
Creating config file /etc/ufw/before6.rules with new version
Creating config file /etc/ufw/after.rules with new version
Creating config file /etc/ufw/after6.rules with new version
update-rc.d: We have no instructions for the ufw init script.
update-rc.d: It looks like a non-network service, we enable it.
Created symlink '/etc/systemd/system/multi-user.target.wants/ufw.service' → '/usr/lib/systemd/system/ufw.service'.
Processing triggers for kali-menu (2025.2.7) ...
Processing triggers for man-db (2.13.1-1) ...

┌──(kali㉿kali)-[~]
└─$ sudo ufw status verbose

Status: inactive

┌──(kali㉿kali)-[~]
└─$ sudo ufw enable

Firewall is active and enabled on system startup
```

```
Selecting previous...
(Reading database ... 412803 files and directories currently installed.)
Preparing to unpack .../archives/ufw_0.36.2-9_all.deb ...
Unpacking ufw (0.36.2-9) ...
Setting up ufw (0.36.2-9) ...
Creating config file /etc/ufw/before.rules with new version
Creating config file /etc/ufw/before6.rules with new version
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update-rc.d: It looks like a non-network service, we enable it.
Created symlink '/etc/systemd/system/multi-user.target.wants/ufw.service' → '/usr/lib
Processing triggers for kali-menu (2025.2.7) ...
Processing triggers for man-db (2.13.1-1) ...

┌──(kali㉿kali)-[~]
└─$ sudo ufw status verbose

Status: inactive

┌──(kali㉿kali)-[~]
└─$ sudo ufw enable

Firewall is active and enabled on system startup

┌──(kali㉿kali)-[~]
└─$ sudo ufw deny 23/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ 
```

```
Creating config file /etc/ufw/before6.rules with new version
Creating config file /etc/ufw/after.rules with new version
Creating config file /etc/ufw/after6.rules with new version
update-rc.d: We have no instructions for the ufw init script.
update-rc.d: It looks like a non-network service, we enable it.
Created symlink '/etc/systemd/system/multi-user.target.wants/ufw.service' → '/u
Processing triggers for kali-menu (2025.2.7) ...
Processing triggers for man-db (2.13.1-1) ...

┌──(kali㉿kali)-[~]
└─$ sudo ufw status verbose

Status: inactive

┌──(kali㉿kali)-[~]
└─$ sudo ufw enable

Firewall is active and enabled on system startup

┌──(kali㉿kali)-[~]
└─$ sudo ufw deny 23/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ sudo ufw allow 22/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ 
```

```
Creating config file /etc/ufw/after6.rules
update-rc.d: We have no instructions for the ufw init script.
update-rc.d: It looks like a non-network service, we enable it.
update-rc.d: It looks like a non-network service, we enable it.
Created symlink '/etc/systemd/system/multi-user.target.wants/ufw.service' → '/u
Processing triggers for kali-menu (2025.2.7) ...
Processing triggers for man-db (2.13.1-1) ...

┌──(kali㉿kali)-[~]
└─$ sudo ufw status verbose

Status: inactive

┌──(kali㉿kali)-[~]
└─$ sudo ufw enable

Firewall is active and enabled on system startup

┌──(kali㉿kali)-[~]
└─$ sudo ufw deny 23/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ sudo ufw allow 22/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ nc -zv localhost 23
localhost [127.0.0.1] 23 (telnet) : Connection refused

┌──(kali㉿kali)-[~]
└─$
```

```
┌──(kali㉿kali)-[~]
└─$ sudo ufw status verbose

Status: inactive

┌──(kali㉿kali)-[~]
└─$ sudo ufw enable

Firewall is active and enabled on system startup

┌──(kali㉿kali)-[~]
└─$ sudo ufw deny 23/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ sudo ufw allow 22/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ nc -zv localhost 23
localhost [127.0.0.1] 23 (telnet) : Connection refused

┌──(kali㉿kali)-[~]
└─$ nc -zv localhost 23      # Should be blocked
localhost [127.0.0.1] 23 (telnet) : Connection refused

┌──(kali㉿kali)-[~]
└─$ nc -zv localhost 22
localhost [127.0.0.1] 22 (ssh) : Connection refused

┌──(kali㉿kali)-[~]
└─$ 
```

```
Status: inactive

┌──(kali㉿kali)-[~]
└─$ sudo ufw enable

Firewall is active and enabled on system startup

┌──(kali㉿kali)-[~]
└─$ sudo ufw deny 23/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ sudo ufw allow 22/tcp

Rule added
Rule added (v6)

┌──(kali㉿kali)-[~]
└─$ nc -zv localhost 23
localhost [127.0.0.1] 23 (telnet) : Connection refused

┌──(kali㉿kali)-[~]
└─$ nc -zv localhost 23    # Should be blocked
localhost [127.0.0.1] 23 (telnet) : Connection refused

┌──(kali㉿kali)-[~]
└─$ nc -zv localhost 22
localhost [127.0.0.1] 22 (ssh) : Connection refused

┌──(kali㉿kali)-[~]
└─$ sudo ufw delete deny 23/tcp

Rule deleted
Rule deleted (v6)

┌──(kali㉿kali)-[~]
└─$ 
```