```
┌──(root㉿kali)-[~]
└─# sudo apt update
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [21.2 MB]
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [51.8 MB]
Fetched 73.1 MB in 54s (1,346 kB/s)
1165 packages can be upgraded. Run 'apt list --upgradable' to see them.

┌──(root㉿kali)-[~]
└─# sudo apt install ufw
The following packages were automatically installed and are no longer required:
  crackmapexec              libconfig++9v5          libgl1-mesa-dev              libgtksourceviewmm-3.0-0v5  libmbedcrypto7t64       libpython3.12t64         libwebrtc-audio-processing1  python3.12-dev
  firebird3.0-common        libconfig9              libglapi-mesa               libgumbo2                   libmsgraph-0-1          libqt5sensors5           libx265-209                  python3.12-minimal
  firebird3.0-common-doc    libdirectfb-1.7-7t64    libgles-dev                 libhdf5-103-1t64            libnetcdf19t64          libqt5webkit5            openjdk-23-jre               python3.12-venv
  icu-devtools              libegl-dev              libgles1                    libhdf5-hl-100t64           libpaper1               libsuperlu6              openjdk-23-jre-headless      ruby-zeitwerk
  libbfio1                  libflac12t64            libglvnd-core-dev           libicu-dev                  libpoppler140           libtag1v5                python3-appdirs              ruby3.1
  libc++1-19                libfmt9                 libglvnd-dev                libjxl0.9                   libpython3.12-dev       libtag1v5-vanilla        python3-ntlm-auth            ruby3.1-dev
  libc++abi1-19             libgdal35               libgtksourceview-3.0-1      liblbfgsb0                  libpython3.12-minimal   libtagc0                 python3-setproctitle         ruby3.1-doc
  libcapstone4              libgeos3.13.0           libgtksourceview-3.0-common  libldap-2.5-0              libpython3.12-stdlib    libunwind-19             python3.12                   strongswan
Use 'sudo apt autoremove' to remove them.

Installing:
  ufw

Suggested packages:
  rsyslog

Summary:
  Upgrading: 0, Installing: 1, Removing: 0, Not Upgrading: 1165
  Download size: 169 kB
  Space needed: 880 kB / 56.2 GB available

Get:1 http://kali.download/kali kali-rolling/main amd64 ufw all 0.36.2-9 [169 kB]
Fetched 169 kB in 1s (127 kB/s)
Preconfiguring packages ...
Selecting previously unselected package ufw.
(Reading database ... 459500 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 (2025.1.1) ...
```

```
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 (2025.1.1) ...
Processing triggers for man-db (2.13.0-1) ...

┌──(root㉿kali)-[~]
└─# sudo ufw status verbose
Status: inactive

┌──(root㉿kali)-[~]
└─# sudo ufw default deny incoming
Default incoming policy changed to 'deny'
(be sure to update your rules accordingly)

┌──(root㉿kali)-[~]
└─# sudo ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)

┌──(root㉿kali)-[~]
└─# sudo ufw allow ssh
Rules updated
Rules updated (v6)

┌──(root㉿kali)-[~]
└─# sudo ufw enable
Firewall is active and enabled on system startup

┌──(root㉿kali)-[~]
└─# sudo ufw allow 80/tcp
Rule added
Rule added (v6)

┌──(root㉿kali)-[~]
└─# sudo ufw allow 443/tcp
Rule added
Rule added (v6)

┌──(root㉿kali)-[~]
└─# sudo ufw status verbose
Status: active
Logging: on (low)
Default: deny (incoming), allow (outgoing), disabled (routed)
New profiles: skip

To                         Action      From
--                         ------      ----
22/tcp                     ALLOW IN    Anywhere
```

```
──(root㉿kali)-[~]
└─# sudo ufw allow 80/tcp
Rule added
Rule added (v6)

──(root㉿kali)-[~]
└─# sudo ufw allow 443/tcp
Rule added
Rule added (v6)

──(root㉿kali)-[~]
└─# sudo ufw status verbose
Status: active
Logging: on (low)
Default: deny (incoming), allow (outgoing), disabled (routed)
New profiles: skip

To                         Action      From
--                         ------      ----
22/tcp                     ALLOW IN    Anywhere
80/tcp                     ALLOW IN    Anywhere
443/tcp                    ALLOW IN    Anywhere
22/tcp (v6)                ALLOW IN    Anywhere (v6)
80/tcp (v6)                ALLOW IN    Anywhere (v6)
443/tcp (v6)               ALLOW IN    Anywhere (v6)


──(root㉿kali)-[~]
└─# sudo ufw status numbered
Status: active

     To                    Action      From
     --                    ------      ----
[ 1] 22/tcp                ALLOW IN    Anywhere
[ 2] 80/tcp                ALLOW IN    Anywhere
[ 3] 443/tcp               ALLOW IN    Anywhere
[ 4] 22/tcp (v6)           ALLOW IN    Anywhere (v6)
[ 5] 80/tcp (v6)           ALLOW IN    Anywhere (v6)
[ 6] 443/tcp (v6)          ALLOW IN    Anywhere (v6)


──(root㉿kali)-[~]
└─#
```

```
──(root㉿kali)-[~]
└─# sudo ufw deny from 192.168.1.100
Rule added

──(root㉿kali)-[~]
└─#
```