

```
ubuntu@ubuntu: ~$ sudo apt update
Ign:1 cdrom://Ubuntu 24.04.1 LTS _Noble Numbat_ - Release amd64 (20240827.1) noble InRelease
Hit:2 cdrom://Ubuntu 24.04.1 LTS _Noble Numbat_ - Release amd64 (20240827.1) noble Release
Hit:4 http://archive.ubuntu.com/ubuntu noble InRelease
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [456 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:9 http://archive.ubuntu.com/ubuntu noble-updates/main i386 Packages [323 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [624 kB]
Get:11 http://security.ubuntu.com/ubuntu noble-security/main i386 Packages [197 kB]
Get:12 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [97.2 kB]
Get:13 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [7224 B]
Get:14 http://security.ubuntu.com/ubuntu noble-security/main Icons (48x48) [11.3 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/main Icons (64x64) [17.1 kB]
```

```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ sudo apt install git -y  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  git-man liberror-perl  
Suggested packages:  
  git-daemon-run | git-daemon-sysvinit git-doc git-email git-gui gitk gitweb  
  git-cvs git-mediawiki git-svn  
The following NEW packages will be installed:  
  git git-man liberror-perl  
0 upgraded, 3 newly installed, 0 to remove and 206 not upgraded.  
Need to get 4804 kB of archives.  
After this operation, 24.5 MB of additional disk space will be used.  
Get:1 http://archive.ubuntu.com/ubuntu noble/main amd64 liberror-perl all 0.1702  
9-2 [25.6 kB]  
Get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 git-man all 1:2.  
43.0-1ubuntu7.1 [1100 kB]  
Get:3 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 git amd64 1:2.43  
.0-1ubuntu7.1 [3679 kB]  
Fetched 4804 kB in 2s (2599 kB/s)  
Selecting previously unselected package liberror-perl.  
(Reading database ... 210856 files and directories currently installed.)  
Preparing to unpack .../liberror-perl_0.17029-2_all.deb
```

```
ubuntu@ubuntu:~$ git --version  
git version 2.43.0
```

```
ubuntu@ubuntu:~$ git config --global user.name "zahra eshaghian"  
ubuntu@ubuntu:~$ git config --global user.email "anis.eshaghian81@gmail.com"  
ubuntu@ubuntu:~$
```

```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ sudo apt update  
Ign:1 cdrom://Ubuntu 24.04.1 LTS _Noble Numbat_ - Release amd64 (20240827.1) nob  
le InRelease  
Hit:2 cdrom://Ubuntu 24.04.1 LTS _Noble Numbat_ - Release amd64 (20240827.1) nob  
le Release  
Hit:4 http://archive.ubuntu.com/ubuntu noble InRelease  
Hit:5 http://security.ubuntu.com/ubuntu noble-security InRelease  
Hit:6 http://archive.ubuntu.com/ubuntu noble-updates InRelease  
Hit:7 http://archive.ubuntu.com/ubuntu noble-backports InRelease  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
206 packages can be upgraded. Run 'apt list --upgradable' to see them.  
ubuntu@ubuntu:~$ sudo apt install -y apt-transport-https ca-certificates curl so  
ftware-properties-common  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
ca-certificates is already the newest version (20240203).  
ca-certificates set to manually installed.  
software-properties-common is already the newest version (0.99.48).  
software-properties-common set to manually installed.  
The following NEW packages will be installed:  
  apt-transport-https curl
```

```
ubuntu@ubuntu: ~  
Unpacking libcurl3t64-gnutls:amd64 (8.5.0-2ubuntu10.4) over (8.5.0-2ubuntu10.3)  
...  
Setting up apt-transport-https (2.7.14build2) ...  
Setting up libcurl4t64:amd64 (8.5.0-2ubuntu10.4) ...  
Setting up libcurl3t64-gnutls:amd64 (8.5.0-2ubuntu10.4) ...  
Setting up curl (8.5.0-2ubuntu10.4) ...  
Processing triggers for man-db (2.12.0-4build2) ...  
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...  
ubuntu@ubuntu:~$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo  
gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg  
ecurl: (35) Recv failure: Connection reset by peer  
gpg: no valid OpenPGP data found.  
ubuntu@ubuntu:~$ ^C  
ubuntu@ubuntu:~$ url -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo g  
pg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg  
File '/usr/share/keyrings/docker-archive-keyring.gpg' exists. Overwrite? (y/N) C  
ommand 'url' not found, did you mean:  
    command 'surl' from snap surl (0.8.0)  
command 'curl' from snap curl (8.1.2)  
    command 'yurl' from snap yurl (v0.6.3)  
command 'erl' from snap erlang (25.3)  
    command 'urh' from snap urh (2.9.3)
```

در اجرای این دستور خطاهایی وجود داشت به دلیل همین از مخازن استاندارد سیستم عامل برای نصب Docker استفاده کردم:

```
ubuntu@ubuntu: ~  
ubuntu@ubuntu:~$ sudo apt update  
Ign:1 cdrom://Ubuntu 24.04.1 LTS _Noble Numbat_ - Release amd64 (20240827.1) noble InRelease  
Hit:2 cdrom://Ubuntu 24.04.1 LTS _Noble Numbat_ - Release amd64 (20240827.1) noble Release  
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease  
Hit:5 http://archive.ubuntu.com/ubuntu noble InRelease  
Hit:6 http://archive.ubuntu.com/ubuntu noble-updates InRelease  
Hit:7 http://archive.ubuntu.com/ubuntu noble-backports InRelease  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
204 packages can be upgraded. Run 'apt list --upgradable' to see them.  
ubuntu@ubuntu:~$ sudo apt install -y docker.io  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
  bridge-utils containerd pigz runc ubuntu-fan  
Suggested packages:  
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-buildx  
  docker-compose-v2 docker-doc rinse  
The following NEW packages will be installed:  
  bridge-utils containerd docker.io pigz runc ubuntu-fan
```

پس از نصب Docker ، سرویس آن را فعال و راه اندازی کردم و برای اطمینان از نصب موفق Docker ، دستور `version` را استفاده کردم

```
ubuntu@ubuntu: ~
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/system/docker.service.
Created symlink /etc/systemd/system/sockets.target.wants/docker.socket → /usr/lib/systemd/system/docker.socket.
Processing triggers for man-db (2.12.0-4build2) ...
ubuntu@ubuntu:~$ sudo systemctl start docker
ubuntu@ubuntu:~$ sudo systemctl enable docker
ubuntu@ubuntu:~$ docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu4.1
ubuntu@ubuntu:~$ sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
docker: Error response from daemon: Get "https://registry-1.docker.io/v2/library/hello-world/manifests/latest": net/http: TLS handshake timeout.
See 'docker run --help'.
ubuntu@ubuntu:~$ docker run --help

Usage:  docker run [OPTIONS] IMAGE [COMMAND] [ARG...]

Create and run a new container from an image

Aliases:
  docker container run, docker run

Options:
```

