

## بسم الله الرحمن الرحيم

موضوع : داکيومنت نصب docker روی لینوکس

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درس : رایانش ابری

۱- نکات اولیه نصب داکر:

اگر نسخه های قدیمی رو نصب داریم اون هارو پاک کنیم.  
نکته بعدی اینکه باید vpn همیشه روشن باشه چون داکر در ایران  
تحریمه.

۲- پکیج های مورد نیاز زیر را نصب میکنیم:

```
sudo apt-get update
```

```
sudo apt-get install ./docker-desktop-amd64.deb
```

۳- دانلود کلید و نصب ان برای مخزن

۴- افزودن ریپوزیتوری به اپ لیستمون

۵- حالا با دستور زیر یکبار سیستم را ابدیت میکنیم

```
Sudo apt-get update
```

۶- حال با دستور زیر داکر را نصب میکنیم:

```
Sudo apt-get install docker-ce docker-ce-cli  
containerd.io
```

۷- با اجرای دستور نصب داکر پکیج ها دانلود و نصب میشود و ما برای  
تست میزنیم `docker –version` که اگر به درستی نصب شده باشد  
ورژن داکر را نمایش میدهد.

Ubuntu 64-bit X

Nov 12 09:01

ubuntu@ubuntu:~

gnupg set to manually installed.  
lsb-release is already the newest version (12.1-1).  
lsb-release set to manually installed.  
Installing:  
curl

Summary:  
Upgrading: 0, Installing: 1, Removing: 0, Not Upgrading: 29  
Download size: 240 kB  
Space needed: 593 kB / 584 MB available

Continue? [Y/n] y  
Get:1 <http://archive.ubuntu.com/ubuntu/oracular/main amd64 curl amd64 8.9.1-2ubuntu2> [240 kB]  
Fetched 240 kB in 4s (59.3 kB/s)  
Selecting previously unselected package curl.  
(Reading database ... 212637 files and directories currently installed.)  
Preparing to unpack .../curl\_8.9.1-2ubuntu2\_amd64.deb ...  
Unpacking curl (8.9.1-2ubuntu2) ...  
Setting up curl (8.9.1-2ubuntu2) ...  
Processing triggers for man-db (2.12.1-3) ...  
ubuntu@ubuntu:~\$



ubuntu@ubuntu: ~

Q ≡ - □ x

gpg: can't create '/user/share/keyrings/docker-archive-keyring.gpg': No such file or directory

gpg: no valid OpenPGP data found.

gpg: dearmoring failed: No such file or directory

curl: (22) The requested URL returned error: 404

ubuntu@ubuntu:~\$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-key add-

Usage: apt-key [--keyring file] [command] [arguments]

Manage apt's list of trusted keys

apt-key add <file>	- add the key contained in <file> ('-' for stdin)
apt-key del <keyid>	- remove the key <keyid>
apt-key export <keyid>	- output the key <keyid>
apt-key exportall	- output all trusted keys
apt-key update	- update keys using the keyring package
apt-key net-update	- update keys using the network
apt-key list	- list keys
apt-key finger	- list fingerprints
apt-key adv	- pass advanced options to gpg (download key)

If no specific keyring file is given the command applies to all keyring files.

curl: (22) The requested URL returned error: 404

ubuntu@ubuntu:~\$

```
Nov 12 09:08
ubuntu@ubuntu: ~
Manage apt's list of trusted keys

apt-key add <file>           - add the key contained in <file> ('-' for stdin)
apt-key del <keyid>          - remove the key <keyid>
apt-key export <keyid>       - output the key <keyid>
apt-key exportall            - output all trusted keys
apt-key update               - update keys using the keyring package
apt-key net-update           - update keys using the network
apt-key list                 - list keys
apt-key finger               - list fingerprints
apt-key adv                  - pass advanced options to gpg (download key)

If no specific keyring file is given the command applies to all keyring files.
curl: (22) The requested URL returned error: 404
ubuntu@ubuntu:~$ sudo add-apt-repository "deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable"
Repository: 'deb [arch=amd64] https://download.docker.com/linux/ubuntu focal stable'
Description:
Archive for codename: focal components: stable
More info: https://download.docker.com/linux/ubuntu
Adding repository.
Press [ENTER] to continue or Ctrl-c to cancel.
```



ubuntu@ubuntu: ~



e or directory

gpg: no valid OpenPGP data found.

gpg: dearmoring failed: No such file or directory

curl: (22) The requested URL returned error: 404

ubuntu@ubuntu:~\$ sudo apt-get update

Ign:1 cdrom://Ubuntu 24.10 \_Oracular Oriole\_ - Release amd64 (20241009.4) oracular InRelease

Hit:2 cdrom://Ubuntu 24.10 \_Oracular Oriole\_ - Release amd64 (20241009.4) oracular Release

Hit:4 http://archive.ubuntu.com/ubuntu oracular InRelease

Hit:5 http://security.ubuntu.com/ubuntu oracular-security InRelease

Hit:6 http://archive.ubuntu.com/ubuntu oracular-updates InRelease

Hit:7 http://archive.ubuntu.com/ubuntu oracular-backports InRelease

Ign:8 https://download.docker.com/linux/ubuntu focal InRelease

Err:9 https://download.docker.com/linux/ubuntu focal Release

404 Not Found [IP: 108.138.7.88 443]

Reading package lists... Done

E: The repository 'https://download.docker.com/linux/ubuntu focal Release' does not have a Release file.

N: Updating from such a repository can't be done securely, and is therefore disabled by default.

N: See apt-secure(8) manpage for repository creation and user configuration details.

ubuntu@ubuntu:~\$



ubuntu@ubuntu:~



Hit:2 cdrom://Ubuntu 24.10 \_Oracular Oriole\_ - Release amd64 (20241009.4) oracular Release

Hit:4 http://archive.ubuntu.com/ubuntu oracular InRelease

Hit:5 http://security.ubuntu.com/ubuntu oracular-security InRelease

Hit:6 http://archive.ubuntu.com/ubuntu oracular-updates InRelease

Hit:7 http://archive.ubuntu.com/ubuntu oracular-backports InRelease

Ign:8 https://download.docker.com/linux/ubuntu focal InRelease

Err:9 https://download.docker.com/linux/ubuntu focal Release

404 Not Found [IP: 108.138.7.88 443]

Reading package lists... Done

E: The repository 'https://download.docker.com/linux/ubuntu focal Release' does not have a Release file.

N: Updating from such a repository can't be done securely, and is therefore disabled by default.

N: See apt-secure(8) manpage for repository creation and user configuration details.

ubuntu@ubuntu:~\$ sudo apt-get install ca-certificates curl

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

ca-certificates is already the newest version (20240203).

curl is already the newest version (8.9.1-2ubuntu2).

0 upgraded, 0 newly installed, 0 to remove and 29 not upgraded.

ubuntu@ubuntu:~\$



Ubuntu 64-bit X

Nov 12 09:13

ubuntu@ubuntu:~

```
Hit:4 http://archive.ubuntu.com/ubuntu oracular InRelease
Hit:5 http://security.ubuntu.com/ubuntu oracular-security InRelease
Hit:6 http://archive.ubuntu.com/ubuntu oracular-updates InRelease
Hit:7 http://archive.ubuntu.com/ubuntu oracular-backports InRelease
Ign:8 https://download.docker.com/linux/ubuntu focal InRelease
Err:9 https://download.docker.com/linux/ubuntu focal Release
      404 Not Found [IP: 108.138.7.88 443]
Reading package lists... Done
E: The repository 'https://download.docker.com/linux/ubuntu focal Release' does
not have a Release file.
N: Updating from such a repository can't be done securely, and is therefore disa
bled by default.
N: See apt-secure(8) manpage for repository creation and user configuration deta
ils.
ubuntu@ubuntu:~$ sudo apt-get install ca-certificates curl
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ca-certificates is already the newest version (20240203).
curl is already the newest version (8.9.1-2ubuntu2).
0 upgraded, 0 newly installed, 0 to remove and 29 not upgraded.
ubuntu@ubuntu:~$ sudo install -m 0755 -d /etc/apt/keyring
ubuntu@ubuntu:~$ sudo install -m 0755 -d /etc/apt/keyrings
ubuntu@ubuntu:~$
```



Nov 12 09:16

ubuntu@ubuntu: ~

Err:9 https://download.docker.com/linux/ubuntu focal Release  
404 Not Found [IP: 108.138.7.88 443]

Reading package lists... Done

E: The repository 'https://download.docker.com/linux/ubuntu focal Release' does not have a Release file.

N: Updating from such a repository can't be done securely, and is therefore disabled by default.

N: See apt-secure(8) manpage for repository creation and user configuration details.

ubuntu@ubuntu:~\$ sudo apt-get install ca-certificates curl

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

ca-certificates is already the newest version (20240203).

curl is already the newest version (8.9.1-2ubuntu2).

0 upgraded, 0 newly installed, 0 to remove and 29 not upgraded.

ubuntu@ubuntu:~\$ sudo install -m 0755 -d /etc/apt/keyring

ubuntu@ubuntu:~\$ sudo install -m 0755 -d /etc/apt/keyrings

ubuntu@ubuntu:~\$ sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o  
/etc/apt/keyrings/docker.asc

curl: (22) The requested URL returned error: 404

ubuntu@ubuntu:~\$ sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o  
/etc/apt/keyrings/docker.asc

ubuntu@ubuntu:~\$



```
Ubuntu 64-bit X
Nov 12 09:26
ubuntu@ubuntu:~
containerd git-man pigz ubuntu-fan

Suggested packages:
  ifupdown      docker-buildx      | git-daemon-sysvinit  gitweb
  aufs-tools    docker-compose-v2  git-doc                git-cvs
  cgroupfs-mount docker-doc          git-email               git-mediawiki
  | cgroup-lite rinse              git-gui                 git-svn
  debootstrap   git-daemon-run      gitk

Summary:
  Upgrading: 0, Installing: 9, Removing: 0, Not Upgrading: 29
  Download size: 76.5 MB
  Space needed: 298 MB / 578 MB available

Continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu oracular/universe amd64 pigz amd64 2.8-1
[65.6 kB]
Get:2 http://archive.ubuntu.com/ubuntu oracular/main amd64 bridge-utils amd64 1.
7.1-2ubuntu1 [34.1 kB]
Get:3 http://archive.ubuntu.com/ubuntu oracular/main amd64 runc amd64 1.1.12-0ub
untu4 [8,582 kB]
Get:4 http://archive.ubuntu.com/ubuntu oracular/main amd64 containerd amd64 1.7.
19-0ubuntu1 [30.2 MB]
29% [4 containerd 12.5 MB/30.2 MB 41%] 1,462 kB/s 37s
```



