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Activities Terminal Feb 10, 05:23 edgarnurmagedov@ubuntu: -
edgarnurmagedov@ubuntu:~$ sudo apt-add-repository ppa:nginx/stable
[sudo] password for edgarnurmagedov:
This PPA contains the latest Stable Release version of the nginx web server software.

**Only Non-End-of-Life Ubuntu Releases are supported in this PPA**

**Development releases of Ubuntu are not officially supported by this PPA, and uploads for those will not be available until actual final releases for those versions**
More info: https://launchpad.net/~nginx/+archive/ubuntu/stable
Press [ENTER] to continue or Ctrl-C to cancel adding it.

Hit:1 http://security.ubuntu.com/ubuntu focal-security InRelease
Hit:2 http://us.archive.ubuntu.com/ubuntu focal InRelease
Hit:3 http://us.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:4 http://us.archive.ubuntu.com/ubuntu focal-backports InRelease
Get:5 http://ppa.launchpad.net/nginx/stable/ubuntu focal InRelease [17.5 kB]
Get:6 http://ppa.launchpad.net/nginx/stable/ubuntu focal/main amd64 Packages [4,944 B]
Get:7 http://ppa.launchpad.net/nginx/stable/ubuntu focal/main i386 Packages [1,224 B]
Get:8 http://ppa.launchpad.net/nginx/stable/ubuntu focal/main Translation-en [4,572 B]
Fetched 28.3 kB in 6s (4,509 B/s)
Reading package lists... Done
edgarnurmagedov@ubuntu:~$ sudo apt update
Hit:1 http://us.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://us.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://us.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://ppa.launchpad.net/nginx/stable/ubuntu focal InRelease
Hit:5 http://security.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
25 packages can be upgraded. Run 'apt list --upgradable' to see them.
edgarnurmagedov@ubuntu:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  geoip-database libgeoip1 libnginx-mod-http-image-filter
  libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
  libnginx-mod-stream-geoip nginx-common nginx-core
Suggested packages:
  geoip-bin fcgiwrap nginx-doc
The following NEW packages will be installed:
  geoip-database libgeoip1 libnginx-mod-http-image-filter
  libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream
  libnginx-mod-stream-geoip nginx nginx-common nginx-core
0 upgraded, 10 newly installed, 0 to remove and 25 not upgraded.
Need to get 3,960 kB of archives.
After this operation, 12.8 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ppa.launchpad.net/nginx/stable/ubuntu focal/main amd64 nginx-common all 1.18.0-3ubuntu1~focal2 [68.6 kB]
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Activities Terminal Feb 10, 05:31 edgarnurmagomedov@ubuntu: -

Selecting previously unselected package libnginx-mod-http-image-filter.
Preparing to unpack .../8-libnginx-mod-http-image-filter_1.18.0-3ubuntu1+focal2_amd64.deb ...
Unpacking libnginx-mod-http-image-filter (1.18.0-3ubuntu1+focal2) ...
Selecting previously unselected package nginx.
Preparing to unpack .../9-nginx_1.18.0-3ubuntu1+focal2_all.deb ...
Unpacking nginx (1.18.0-3ubuntu1+focal2) ...
Setting up nginx-common (1.18.0-3ubuntu1+focal2) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib/systemd/system/nginx.service.
Setting up libgeoip1:amd64 (1.6.12-6build1) ...
Setting up geoip-database (20191224-2) ...
Setting up libnginx-mod-stream (1.18.0-3ubuntu1+focal2) ...
Setting up nginx-core (1.18.0-3ubuntu1+focal2) ...
* Upgrading binary nginx [ OK ]
Setting up libnginx-mod-mail (1.18.0-3ubuntu1+focal2) ...
Setting up nginx (1.18.0-3ubuntu1+focal2) ...
Setting up libnginx-mod-http-image-filter (1.18.0-3ubuntu1+focal2) ...
Setting up libnginx-mod-stream-geoip (1.18.0-3ubuntu1+focal2) ...
Setting up libnginx-mod-http-xslt-filter (1.18.0-3ubuntu1+focal2) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
Processing triggers for ufw (0.36-6ubuntu1) ...
Processing triggers for systemd (245.4-4ubuntu3.15) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for nginx-core (1.18.0-3ubuntu1+focal2) ...
Triggering nginx reload ...

edgarnurmagomedov@ubuntu:~$ dpkg -l | grep nginx
edgarnurmagomedov@ubuntu:~$ dpkg -l | grep nginx
ii libnginx-mod-http-image-filter 1.18.0-3ubuntu1+focal2 amd64 HTTP image filter module for Nginx
ii libnginx-mod-http-xslt-filter 1.18.0-3ubuntu1+focal2 amd64 XSLT Transformation module for Nginx
ii libnginx-mod-mail 1.18.0-3ubuntu1+focal2 amd64 Mail module for Nginx
ii libnginx-mod-stream 1.18.0-3ubuntu1+focal2 amd64 Stream module for Nginx
ii libnginx-mod-stream-geoip 1.18.0-3ubuntu1+focal2 amd64 GeoIP Stream module for Nginx
ii nginx 1.18.0-3ubuntu1+focal2 all small, powerful, scalable web/proxy server
ii nginx-common 1.18.0-3ubuntu1+focal2 all small, powerful, scalable web/proxy server - common files
ii nginx-core 1.18.0-3ubuntu1+focal2 amd64 nginx web/proxy server (standard version)

edgarnurmagomedov@ubuntu:~$ sudo dpkg -r nginx
(Reading database ... 168845 files and directories currently installed.)
Removing nginx (1.18.0-3ubuntu1+focal2) ...
edgarnurmagomedov@ubuntu:~$ dpkg -l | grep nginx
ii libnginx-mod-http-image-filter 1.18.0-3ubuntu1+focal2 amd64 HTTP image filter module for Nginx
ii libnginx-mod-http-xslt-filter 1.18.0-3ubuntu1+focal2 amd64 XSLT Transformation module for Nginx
ii libnginx-mod-mail 1.18.0-3ubuntu1+focal2 amd64 Mail module for Nginx
ii libnginx-mod-stream 1.18.0-3ubuntu1+focal2 amd64 Stream module for Nginx
ii libnginx-mod-stream-geoip 1.18.0-3ubuntu1+focal2 amd64 GeoIP Stream module for Nginx
ii nginx-common 1.18.0-3ubuntu1+focal2 all small, powerful, scalable web/proxy server - common files
ii nginx-core 1.18.0-3ubuntu1+focal2 amd64 nginx web/proxy server (standard version)

edgarnurmagomedov@ubuntu:~$
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Activities Terminal Feb 10, 05:48 edgarnurnagomedov@ubuntu: -

waybackpy 0+git.f63c6ad akanhy - Wayback Machine API command-line interface
photonotebook 1.4.2 djprod - A combined photograph and note manager.
floraad 1.1.0 bankole7782 - Solves the problem of Long Running Tasks
astiga 0.1.3 astiga - Your online cloud music player.
androidsdk 1.1.2.0 quasarrapp - The package contains android sdkmanager and android SDK console tools...
ooldm 1.2.0 bankole7782 - A program that renders blender projects
carnet 0.22.1 alexandre-roux-m - Powerful note taking app with sync, online editor and android app
n3dr 0.5.0 utrecht - Nexus3 Disaster Recovery
bible-multi-the-life 1.18.0 hotlittlwhltdog - Bible multi languages free offline KJV, Segond, Diodati, Reina Valera, Almeida
fbreader 2.0beta6 fbreader - Your Favourite eBook Reader - New Version
ko20 0.5 abstractdevelop - KO20: Minimal and modern office suite with O365 UX
ddclient-snap v3.9.1 glaever-online - Update dynamic DNS entries for accounts on dynamic DNS services.
wazzapp 0.3.9 elponbo - Unofficial WhatsApp client for Linux.
banana-accounting-plus 10.0.11.21349 banana-ch - Spreadsheet Apps for financial planning, accounting and controlling
rpcs3-emu 0.0.20-13239 nightmayr - Open-source Sony PlayStation 3 Emulator
wal-e 1.1.1 stub classic Continuous archiving of PostgreSQL WAL files and base backups
gmail-app 1.1.3 spedrera - AternosCom's gmail
logisim-snapcraft 2.16.1.2-9 anrouxel - Logisim is a digital circuit simulator
mockuuups 3.0.0 mockuuups - Product mockups, made easy and instantly.
chess-tactics-and-strategy 2021.2.8 sergeyvl1979 - Chess training program. Includes tactics, openings, endings, puzzles, etc
docfetcher 1.1.25-snap1 vasilisc - DocFetcher
ubuntu-cloud-image 2021.03.30+git13f7fe7 powersj - Find the latest Ubuntu Images for clouds
ddgr 1.9 snapcrafters - DuckDuckGo from the terminal
alfacast 3.1 romanshpuntov - Audio / video screen streamer and viewer
unleash 1.2.1 unleashso - Unleash
chaseapp 0.37.2 itayit - ChaseApp
infinitti-clips 0.2.3 azure06 - Clips is a universal clipboard app that automatically saves everything you copy. You can access your history anytime, anywhere.
singularityapp 4.0.1 singularityapp - Most powerful chaos management planner
notes 5.2.7 teledop-dev - Modern notes
single-weather-app 2.4.0 oystyl - Simple Weather App
mute-meet 0+git.a857d05 addyess - Mute Meet sessions controller
gdoc-html-cleaner 0.1.2 caldav - Download Google Docs as cleaned HTML files
sshtperd 0.5.1 farmer1992 - The missing reverse proxy for ssh
hangups 0.4.17 tomdryer - Third-party instant messaging client for Google Hangouts
pipe2drive 0.2.2 dennis-vaerum - Pipe your data to Google Drive
gmusic 0.5.0-1 matt-goodall - A collection of tools to manage your Google Play Music.

edgarnurnagomedov@ubuntu:~$ sudo snap install google-cloud-sdk
error: This revision of snap "google-cloud-sdk" was published using classic confinement and thus
may perform arbitrary system changes outside of the security sandbox that snaps are usually
confined to, which may put your system at risk.

If you understand and want to proceed repeat the command including --classic.
edgarnurnagomedov@ubuntu:~$ sudo snap --classic install google-cloud-sdk
error: unknown flag 'classic'
edgarnurnagomedov@ubuntu:~$ sudo snap install --classic google-cloud-sdk
google-cloud-sdk 372.0.0 from Cloud SDK (google-cloud-sdk) installed
edgarnurnagomedov@ubuntu:~$
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Activities Terminal Feb 10, 05:54 edgarnurmagomedov@ubuntu: -

edgarnurmagomedov@ubuntu:~$ sudo snap install google-cloud-sdk
error: This revision of snap "google-cloud-sdk" was published using classic confinement and thus
may perform arbitrary system changes outside of the security sandbox that snaps are usually
confined to, which may put your system at risk.

If you understand and want to proceed repeat the command including --classic.
edgarnurmagomedov@ubuntu:~$ sudo snap --classic install google-cloud-sdk
error: unknown flag 'classic'
edgarnurmagomedov@ubuntu:~$ sudo snap install --classic google-cloud-sdk
google-cloud-sdk 372.0.0 from Cloud SDK (google-cloud-sdk) installed
edgarnurmagomedov@ubuntu:~$ sudo apt remove google-cloud-sdk
Reading package lists... Done
Building dependency tree
Reading state information... Done
Unable to locate package google-cloud-sdk
edgarnurmagomedov@ubuntu:~$ sudo apt autoremove
Reading package lists... Done
Building dependency tree
Reading state information... Done
0 upgraded, 0 newly installed, 0 to remove and 25 not upgraded.
edgarnurmagomedov@ubuntu:~$ snap list
Name Version Rev Tracking Publisher Notes
bare 1.0 5 latest/stable canonical base
core18 20211215 2284 latest/stable canonical base
core20 20220114 1328 latest/stable canonical base
firefox 97.0-2 941 latest/stable mozilla -
gnome-3-34-1804 0+git.3556cb3 77 latest/stable/... canonical -
gnome-3-38-2004 0+git.cd626d1 87 latest/stable canonical -
google-cloud-sdk 372.0.0 225 latest/stable google-cloud-sdk classic
gtk-common-themes 0.1-59-g7bca6ae 1519 latest/stable/... canonical -
snap-store 3.38.0-66-gbdsb8f7 558 latest/stable/... canonical -
snapd 2.54.2 14549 latest/stable canonical snapd
edgarnurmagomedov@ubuntu:~$ sudo apt remove --classic google-cloud-sdk
Command line option --classic is not understood in combination with the other options
edgarnurmagomedov@ubuntu:~$ sudo snap remove google-cloud-sdk
google-cloud-sdk removed
edgarnurmagomedov@ubuntu:~$ snap list
Name Version Rev Tracking Publisher Notes
bare 1.0 5 latest/stable canonical base
core18 20211215 2284 latest/stable canonical base
core20 20220114 1328 latest/stable canonical base
firefox 97.0-2 941 latest/stable mozilla -
gnome-3-34-1804 0+git.3556cb3 77 latest/stable/... canonical -
gnome-3-38-2004 0+git.cd626d1 87 latest/stable canonical -
gtk-common-themes 0.1-59-g7bca6ae 1519 latest/stable/... canonical -
snap-store 3.38.0-66-gbdsb8f7 558 latest/stable/... canonical -
snapd 2.54.2 14549 latest/stable canonical snapd
edgarnurmagomedov@ubuntu:~$
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Activities Terminal Feb 10, 06:11 edgarnurnagomedov@ubuntu: -
edgarnurnagomedov@ubuntu:~$ snap list
Name Version Rev Tracking Publisher Notes
bare 1.0 5 latest/stable canonical ✓ base
core18 20211215 2284 latest/stable canonical ✓ base
core20 20220114 1328 latest/stable canonical ✓ base
firefox 97.0-2 941 latest/stable mozilla / -
gnome-3-34-1804 0+git.3556cb3 77 latest/stable/.. canonical ✓ -
gnome-3-38-2004 0+git.cd626d1 87 latest/stable canonical ✓ -
gtk-common-themes 0.1-59-g7bca0ae 1519 latest/stable/.. canonical ✓ -
snap-store 3.38.0-66-gbds5b8f7 558 latest/stable/.. canonical ✓ -
snapd 2.54.2 14549 latest/stable canonical ✓ snapd
edgarnurnagomedov@ubuntu:~$ sudo iptables -L
Chain INPUT (policy ACCEPT)
target prot opt source destination

Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
edgarnurnagomedov@ubuntu:~$ sudo iptables -A INPUT -p tcp -j ACCEPT
edgarnurnagomedov@ubuntu:~$ sudo iptables -A INPUT -p tcp --dport 80 -j ACCEPT
edgarnurnagomedov@ubuntu:~$ sudo iptables -A INPUT -p tcp --dport 22 -j ACCEPT
edgarnurnagomedov@ubuntu:~$ sudo iptables -L
Chain INPUT (policy ACCEPT)
target prot opt source destination
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
edgarnurnagomedov@ubuntu:~$ sudo iptables -t filter -D INPUT 1
edgarnurnagomedov@ubuntu:~$ sudo iptables -L
Chain INPUT (policy ACCEPT)
target prot opt source destination
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh
Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
edgarnurnagomedov@ubuntu:~$
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Activities Terminal Feb 10, 06:17 edgarnurnagomedov@ubuntu: -
edgarnurnagomedov@ubuntu:~$ sudo iptables -A INPUT -p tcp --dport 80 -j ACCEPT
edgarnurnagomedov@ubuntu:~$ sudo iptables -A INPUT -p tcp --dport 22 -j ACCEPT
edgarnurnagomedov@ubuntu:~$ sudo iptables -L
Chain INPUT (policy ACCEPT)
target prot opt source destination
ACCEPT tcp -- anywhere anywhere
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh

Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
edgarnurnagomedov@ubuntu:~$ sudo iptables -t filter -D INPUT 1
edgarnurnagomedov@ubuntu:~$ sudo iptables -L
Chain INPUT (policy ACCEPT)
target prot opt source destination
ACCEPT tcp -- anywhere anywhere tcp dpt:http
ACCEPT tcp -- anywhere anywhere tcp dpt:ssh

Chain FORWARD (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination
edgarnurnagomedov@ubuntu:~$ sudo sysctl -w net.ipv4.ip_forward=1
net.ipv4.ip_forward = 1
edgarnurnagomedov@ubuntu:~$ sudo ACCEPT: iptables -A FORWARD -j ACCEPT
ACCEPT: command not found
edgarnurnagomedov@ubuntu:~$ sudo ACCEPT: iptables -A FORWARD -j ACCEPT
sudo: ACCEPT: command not found
edgarnurnagomedov@ubuntu:~$ sudo iptables -A FORWARD -j ACCEPT
edgarnurnagomedov@ubuntu:~$ sudo iptables -t nat -A PREROUTING -p tcp --dport 80 -j REDIRECT --to-port 8080
edgarnurnagomedov@ubuntu:~$ sudo iptables -t nat -L
Chain PREROUTING (policy ACCEPT)
target prot opt source destination
REDIRECT tcp -- anywhere anywhere tcp dpt:http redir ports 8080

Chain INPUT (policy ACCEPT)
target prot opt source destination

Chain OUTPUT (policy ACCEPT)
target prot opt source destination

Chain POSTROUTING (policy ACCEPT)
target prot opt source destination
edgarnurnagomedov@ubuntu:~$
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