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## procedure for downloading nessus pro 10.2.0 to ubuntu 22.04
## First time fresh install. use some other guide for updating.
## zen equilibrium
## (note there is no registration involved you just download and go)
## (if you profit from this software please pay something to the authors)

# I just run this all as root
sudo -su

# let's get curl (not installed by default on ubuntu 22.04) wget if fine but whatever
apt install curl

# download the deb package. note "16870" directory is likely specific to this exact nessus
version
# in the future just go to https://www.tenable.com/downloads/nessus?loginAttempted=true and
find new versions to get url
curl -A Mozilla -o nessus.deb -k
"https://www.tenable.com/downloads/api/v1/public/pages/nessus/downloads/16870/download?i_
agree_to_tenable_license_agreement=true"

# install it
sudo dpkg -i nessus.deb

# we need to start nessus once for basic config before we can change preferences etc
/bin/systemctl start nessus.service

# visit the web interface (browsers choke on self-signed ssl just say accept)
# local linux box uses localhost like this, vps puts your vps ip (we'll change the default port later
if you don't let us yet)
https://127.0.0.1:8834/
# click "managed scanner" and continue
# select "tenable.sc" and continue
# set a username and password and remember it or write it down or have browser remember it
# ok now close the browser

# time to stop the service and do our update and crack
/bin/systemctl stop nessus.service

# let's change the default port to something more obscure so we're not in shodan/censys/fuck-all
(you do know to do this right? ;) you're welcome
/opt/nessus/sbin/nessuscli fix --set xmlrpc_listen_port=11111

# get the latest plugins, here is a working url
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curl -A Mozilla -o all-2.0.tar.gz
"https://plugins.nessus.org/v2/nessus.php?f=all-2.0.tar.gz&u=4e2abfd83a40e2012ebf6537ade2f
207&p=29a34e24fc12d3f5fdfbb1ae948972c6"
# note that this is not a gzip yet its just a blob of data until nessus parser it

# run the update to import those shiny new plugins
/opt/nessus/sbin/nessuscli update all-2.0.tar.gz
# for me it says:
# root@u2204:~# /opt/nessus/sbin/nessuscli update all-2.0.tar.gz
# [info] Copying templates version 202208231901 to /opt/nessus/var/nessus/templates/tmp
# [info] Finished copying templates.
# [info] Moved new templates with version 202208231901 from plugins dir.
# [info] Moved new pendop client with version 21220 from plugins dir.
# * Update successful. The changes will be automatically processed by Nessus.

# now we create plugin feed files using that version number above (see the 202208231901)
##### snapshot of vm here
PLUGIN_SET = "202208231901";
PLUGIN_FEED = "ProfessionalFeed (Direct)";
PLUGIN_FEED_TRANSPORT = "Tenable Network Security Lightning";
EOF

cp /opt/nessus/var/nessus/plugin_feed_info.inc /opt/nessus/var/nessus/.plugin_feed_info.inc

# let's set everything immutable
chattr +i /opt/nessus/var/nessus/plugin_feed_info.inc
/opt/nessus/var/nessus/.plugin_feed_info.inc
chattr +i -R /opt/nessus/lib/nessus/plugins
chattr -i /opt/nessus/lib/nessus/plugins/plugin_feed_info.inc
chattr -i /opt/nessus/lib/nessus/plugins

# time to run the service
/bin/systemctl start nessusd.service

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