Pulse Secure Virtual Traffic Manager: Appliance License Acknowledgements
Supporting Pulse Secure Virtual Traffic Manager 20.3r1
END USER LICENSE AGREEMENT

The Pulse Secure product that is the subject of this technical documentation consists of (or is intended for use with) Pulse Secure software. Use of such software is subject to the terms and conditions of the End User License Agreement (“EULA”) posted at http://www.pulsesecure.net/support/eula/. By downloading, installing or using such software, you agree to the terms and conditions of that EULA.
# Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREFACE</td>
<td>1</td>
</tr>
<tr>
<td>DOCUMENT CONVENTIONS</td>
<td>1</td>
</tr>
<tr>
<td>TEXT FORMATTING CONVENTIONS</td>
<td>1</td>
</tr>
<tr>
<td>COMMAND SYNTAX CONVENTIONS</td>
<td>1</td>
</tr>
<tr>
<td>NOTES AND WARNINGS</td>
<td>2</td>
</tr>
<tr>
<td>REQUESTING TECHNICAL SUPPORT</td>
<td>2</td>
</tr>
<tr>
<td>SELF-HELP ONLINE TOOLS AND RESOURCES</td>
<td>2</td>
</tr>
<tr>
<td>OPENING A CASE WITH PSGSC</td>
<td>3</td>
</tr>
<tr>
<td>INTRODUCTION</td>
<td>5</td>
</tr>
<tr>
<td>LICENSE ACKNOWLEDGMENTS</td>
<td>7</td>
</tr>
<tr>
<td>UBUNTU LICENSE ACKNOWLEDGMENTS</td>
<td>7</td>
</tr>
<tr>
<td>UNMODIFIED PACKAGES</td>
<td>7</td>
</tr>
<tr>
<td>MODIFIED PACKAGES</td>
<td>27</td>
</tr>
<tr>
<td>OTHER LICENSE ACKNOWLEDGEMENTS</td>
<td>28</td>
</tr>
<tr>
<td>AWS-CFN-BOOTSTRAP</td>
<td>28</td>
</tr>
<tr>
<td>GOOGLE-CLOUD-SDK</td>
<td>33</td>
</tr>
<tr>
<td>IPADDRESS</td>
<td>34</td>
</tr>
<tr>
<td>LINUX-CLOUD-TOOLS-4.15.0-128-STM-EC2</td>
<td>36</td>
</tr>
<tr>
<td>LINUX-CLOUD-TOOLS-4.15.0-128-STM-GCE</td>
<td>37</td>
</tr>
<tr>
<td>LINUX-CLOUD-TOOLS-4.15.0-128-STM-HYPERV</td>
<td>38</td>
</tr>
<tr>
<td>LINUX-CLOUD-TOOLS-4.15.0-128-STM-KVM</td>
<td>39</td>
</tr>
<tr>
<td>LINUX-CLOUD-TOOLS-4.15.0-128-STM-VMWARE</td>
<td>40</td>
</tr>
<tr>
<td>LINUX-CLOUD-TOOLS-4.15.0-128-STM-XEN</td>
<td>41</td>
</tr>
<tr>
<td>LINUX-IMAGE-UNSIGNED-4.15.0-128-STM</td>
<td>42</td>
</tr>
<tr>
<td>LINUX-IMAGE-UNSIGNED-4.15.0-128-STM-EC2</td>
<td>43</td>
</tr>
<tr>
<td>LINUX-IMAGE-UNSIGNED-4.15.0-128-STM-VMWARE</td>
<td>44</td>
</tr>
<tr>
<td>LINUX-IMAGE-UNSIGNED-4.15.0-128-STM-XEN</td>
<td>45</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM</td>
<td>46</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-EC2</td>
<td>47</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-VMWARE</td>
<td>48</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-XEN</td>
<td>49</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-AZURE</td>
<td>50</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-EC2</td>
<td>51</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-GCE</td>
<td>52</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-HYPERV</td>
<td>53</td>
</tr>
<tr>
<td>LINUX-MODULES-4.15.0-128-STM-KVM</td>
<td>54</td>
</tr>
</tbody>
</table>
LINUX-MODULES-4.15.0-128-STM-GCE ......................................................... 55
LINUX-MODULES-4.15.0-128-STM-HYPERV ........................................... 56
LINUX-MODULES-4.15.0-128-STM-KVM .................................................. 57
LINUX-MODULES-4.15.0-128-STM-VMWARE ........................................... 58
LINUX-MODULES-4.15.0-128-STM-XEN .................................................. 59
LINUX-TOOLS-4.15.0-128-STM .............................................................. 60
LINUX-TOOLS-4.15.0-128-STM-EC2 ..................................................... 62
LINUX-TOOLS-4.15.0-128-STM-GCE ..................................................... 63
LINUX-TOOLS-4.15.0-128-STM-HYPERV ............................................. 64
LINUX-TOOLS-4.15.0-128-STM-KVM ..................................................... 65
LINUX-TOOLS-4.15.0-128-STM-VMWARE ............................................. 66
LINUX-TOOLS-4.15.0-128-STM-XEN ..................................................... 67
PYTHON-DAEMON .................................................................................. 68
SLABINFO ......................................................................................... 69
GOOGLE CLOUD SDK INCLUDED PACKAGES ....................................... 80

OPEN SOURCE SOFTWARE NOTICE ......................................................... 85
Preface

- Document conventions .................................................. 1
- Requesting Technical Support ........................................ 2

Document conventions
The document conventions describe text formatting conventions, command syntax conventions, and important notice formats used in Pulse Secure technical documentation.

Text formatting conventions
Text formatting conventions such as boldface, italic, or Courier font may be used in the flow of the text to highlight specific words or phrases.

<table>
<thead>
<tr>
<th>Format</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>bold text</strong></td>
<td>Identifies command names</td>
</tr>
<tr>
<td></td>
<td>Identifies keywords and operands</td>
</tr>
<tr>
<td></td>
<td>Identifies the names of user-manipulated GUI elements</td>
</tr>
<tr>
<td></td>
<td>Identifies text to enter at the GUI</td>
</tr>
<tr>
<td><em>italic text</em></td>
<td>Identifies emphasis</td>
</tr>
<tr>
<td></td>
<td>Identifies variables</td>
</tr>
<tr>
<td></td>
<td>Identifies document titles</td>
</tr>
<tr>
<td><strong>Courier Font</strong></td>
<td>Identifies command output</td>
</tr>
<tr>
<td></td>
<td>Identifies command syntax examples</td>
</tr>
</tbody>
</table>

Command syntax conventions
Bold and italic text identify command syntax components. Delimiters and operators define groupings of parameters and their logical relationships.

<table>
<thead>
<tr>
<th>Convention</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>bold text</strong></td>
<td>Identifies command names, keywords, and command options.</td>
</tr>
<tr>
<td><em>italic text</em></td>
<td>Identifies a variable.</td>
</tr>
<tr>
<td>[ ]</td>
<td>Syntax components displayed within square brackets are optional.</td>
</tr>
<tr>
<td></td>
<td>Default responses to system prompts are enclosed in square brackets.</td>
</tr>
</tbody>
</table>
Notes and Warnings

Note, Attention, and Caution statements might be used in this document.

**Note:** A Note provides a tip, guidance, or advice, emphasizes important information, or provides a reference to related information.

**ATTENTION**

An Attention statement indicates a stronger note, for example, to alert you when traffic might be interrupted or the device might reboot.

**CAUTION**

A Caution statement alerts you to situations that can be potentially hazardous to you or cause damage to hardware, firmware, software, or data.

Requesting Technical Support

Technical product support is available through the Pulse Secure Global Support Center (PSGSC). If you have a support contract, file a ticket with PSGSC.

- Product warranties—For product warranty information, visit https://support.pulsesecure.net/product-service-policies/

Self-Help Online Tools and Resources

For quick and easy problem resolution, Pulse Secure provides an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: https://support.pulsesecure.net
- Search for known bugs: https://support.pulsesecure.net
- Find product documentation: https://www.pulsesecure.net/techpubs
- Download the latest versions of software and review release notes: https://support.pulsesecure.net
- Open a case online in the CSC Case Management tool: https://support.pulsesecure.net
To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: [https://support.pulsesecure.net](https://support.pulsesecure.net)

For important product notices, technical articles, and to ask advice:

- Search the Pulse Secure Knowledge Center for technical bulletins and security advisories: [https://kb.pulsesecure.net](https://kb.pulsesecure.net)
- Ask questions and find solutions at the Pulse Community online forum: [https://community.pulsesecure.net](https://community.pulsesecure.net)

**Opening a Case with PSGSC**

You can open a case with PSGSC on the Web or by telephone.

- Use the Case Management tool in the PSGSC at [https://support.pulsesecure.net](https://support.pulsesecure.net).
- Call 1-844 751 7629 (Toll Free, US).

For international or direct-dial options in countries without toll-free numbers, see [https://support.pulsesecure.net/support/support-contacts/](https://support.pulsesecure.net/support/support-contacts/)
Introduction

The Pulse Secure Virtual Traffic Manager (Traffic Manager) product family is available in a variety of software and appliance configurations. All configurations share the same core Traffic Manager software, but different versions may provide different levels of functionality depending on the enabling license key.

Traffic Manager appliance and cloud variants share a common Operating System (OS) layer that is packaged up with the Traffic Manager software to form the appropriate product or solution. This OS is comprised of a number of third party packages mostly derived from the Ubuntu Linux distribution.

This document is intended to list and attribute all third party software packages used in all variants of the Appliance OS. It does not list third party packages used in the Traffic Manager software component; for these, see instead the Pulse Secure Virtual Traffic Manager: User's Guide.

This manual describes the licenses for version 20.3r1.
License Acknowledgments

Ubuntu License Acknowledgments
This software contains unmodified and modified copies of packages from UBUNTU version 18.04 as identified below. UBUNTU contains copyrighted material owned by Canonical Ltd. and/or its affiliates. UBUNTU also contains various third party software that is licensed by the respective copyright holders under the applicable terms and conditions provided with such software. Please see the UBUNTU distribution available for download at http://releases.ubuntu.com/18.04/ for more details. To the extent that any such third party terms and conditions require Pulse Secure to make the source code for such software available, as determined by Pulse Secure, Pulse Secure will make a copy of such source code available to you upon your request as set forth herein, provided that Pulse Secure may charge a reasonable fee for distribution of such source code. For each request you must identify the applicable Pulse Secure product, product version, and each component for which you are requesting source code, together with any other information reasonably requested by Pulse Secure. Please direct your request to support@pulsesecure.net.

Unmodified Packages
acpid
adduser
adwaita-icon-theme
apt
apt-utils
aptitude
aptitude-common
base-files
base-passwd
bash
bind9-host
binutils
binutils-common
binutils-x86-64-linux-gnu
bsdmainutils
bsdutils
busybox-initramfs
bzip2
cacertificates
cacertificates-java
cloud-guest-utils
console-setup
console-setup-linux
coreutils
cpio
cron
curl
dash
dbus
debconf
debconf-i18n
debianutils
diffutils
distro-info-data
dmidecode
dmsetup
dnscache
dpkg
e2fsprogs
eject
ethtool
fail2ban
fdisk
file
findutils
fontconfig
fontconfig-config
fonts-dejavu-core
freeipmi-common
ftp
gcc-8-base
gce-compute-image-packages
gdb
gdbserver
gettext-base
gir1.2-glib-2.0
google-compute-engine-oslogin
gpg
gpgconf
gpgv
grep
groff-base
grub-common
grub-gfxpayload-lists
grub-pc
grub-pc-bin
grub2
grub2-common
gtk-update-icon-cache
gzip
hdparm
hicolor-icon-theme
hostname
humanity-icon-theme
hwloc
ifenslave
ifupdown
init
init-system-helpers
initramfs-tools
initramfs-tools-bin
initramfs-tools-core
ipmitool
iproute2
iptables
iputils-ping
iputils-tracepath
irqbalance
isc-dhcp-client
isc-dhcp-common
iso-codes
java-common
kbd
keyboard-configuration
klibc-utils
kmod
less
libacl1
libapparmor1
libapt-inst2.0
libapt-pkg5.0
libargon2-0
libasn1-8-heimdal
libasound2
libasound2-data
libassuan0
libasyncns0
libatk-bridge2.0-0
libatk-wrapper-java
libatk-wrapper-java-jni
libatk1.0-0
libatk1.0-data
libatm1
libatspi2.0-0
libattr1
libaudit-common
libaudit1
libavahi-client3
libavahi-common-data
libavahi-common3
libbabeltrace1
libbind9-160
libbinutils
libblkid
libboost-filesystem1.65.1
libboost-iostreams1.65.1
libboost-system1.65.1
libbsd0
libbz2-1.0
libc-bin
libc-dev-bin
libc6
libc6-dev
libcairo2
libcap-ng0
libcap2
libcap2-bin
libcom-err2
libcomerr2
libcroco3
libcryptsetup12
libcups2
libcurl4
libcwidget3v5
libdatrie1
libdb5.3
libdbus-1-3
libdebconfclient0
libdevmapper1.02.1
libdns-export1100
libdns1100
libdrm-amdgpu1
libdrm-common
libdrm-intel1
libdrm-nouveau2
libdrm-radeon1
libdrm2
libdw1
libedit2
libelf1
libestr0
libexpat1
libext2fs2
libfastjson4
libfdisk1
libffi6
libfile-copy-recursive-perl
libflac8
libfontconfig1
libfontenc1
libfreeipmi16
libfreetype6
libfribidi0
libfuse2
libgc1c2
libgcc1
libgcrypt20
libgdbm-compat4
libgdbm5
libgd-pixbuf2.0-0
libgd-pixbuf2.0-common
libgeoip1
libgif7
libgirepository-1.0-1
libgl1
libgl1-mesa-dri
libgl1-mesa-glx
libglapi-mesa
libglib2.0-0
libglib2.0-data
libglvnd0
libglx-mesa0
libglx0
libgmp10
libgnutls30
libgpg-error0
libgraphite2-3
libgssapi-krb5-2
libgssapi3-heimdal
libgtk2.0-0
libgtk2.0-common
libharfbuzz0b
libcrypto4-heimdal
libheimbase1-heimdal
libheimntlm0-heimdal
libhogweed4
libhwloc5
libhx509-5-heimdal
libice6
libicu60
libidn11
libidn2-0
libip4tc0
libip6tc0
libiptc0
libirs160
libisc-export169
libisc169
libisccc160
libisccfg160
libjbig0
libjpeg-turbo8
libjpeg8
libjson-c3
libjson-perl
libk5crypto3
libkeyutils1
libklibc
libkmod2
libkrb5-26-heimdal
libkrb5-3
libkrb5support0
liblcms2-2
libldap-2.4-2
libldap-common
libllvm10
liblocale-gettext-perl
libblockfile-bin
libblockfile1
libltdl7
liblwres160
liblz4-1
liblzma5
libmagic-mgc
libmagic1
libmnl0
libmount1
libmpdec2
libmpfr6
libmspack0
libncurses5
libncursesw5
libnet-http-perl
libnet-ssleay-perl
libnetfilter-conntrack3
libnetplan0
libnettle6
libnewt0.52
libnftnlk0
libnhttp2-14
libnsp4
libnss-systemd
libnss3
libnuma1
libodbc1
libogg0
libopts25
libp11-kit0
libpam-cap
libpam-modules
libpam-modules-bin
libpam-runtime
libpam-systemd
libpam0g
libpango-1.0-0
libpangocairo-1.0-0
libpangoft2-1.0-0
libparted2
libpcap0.8
libpci-dev
libpci3
libpciaccess0
libpcre3
libpcsclite1
libperl5.26
libpipeline1
libpixman-1-0
libpng16-16
libpopt0
libprocps6
libpsl5
libpulse0
libpython-stdlib
libpython2.7-minimal
libpython2.7-stdlib
libpython3-stdlib
libpython3.6
libpython3.6-minimal
libpython3.6-stdlib
libreadline5
libreadline7
librecode0
libroken18-heimdal
librsvg2-2
librsvg2-common
librtmp1
libsasl2-2
libsasl2-modules-db
libseccomp2
libselinux1
libsemanage-common
libsemanage1
libsensors4
libsensors4-dev
libsepol1
libsigc++-2.0-0v5
libslang2
libsm6
libsmartcols1
libsndfile1
libsqlite3-0
libss2
libssl-dev
libssl1.0.0
libssl1.1
libstdc++6
libsysfs2
libsystemd0
libtasn1-6
libtext-charwidth-perl
libtext-iconv-perl
libtext-wrapi18n-perl
libthai-data
libthai0
libtiff5
libtinfo5
libudev-dev
libudev1
libunistring2
libunwind8
liburi-perl
libusb-1.0-0
libutempter0
libuuid1
libvorbis0a
libvorbisenc2
libwind0-heimdal
libwrap0
libwrap0-dev
libx11-6
libx11-data
libx11-xcb1
libxapian30
libxau6
libxaw7
libxcb-dri2-0
libxcb-dri3-0
libxcb-glx0
libxcb-present0
libxcb-render0
libxcb-shape0
libxcb-shm0
libxcb-sync1
libxcb1
libxcomposite1
libxcursor1
libxdamage1
libxdmcp6
libxext6
libxfixes3
libxft2
libxi6
libxinerama1
libxml2
libxmlsec1
libxmlsec1-openssl
libxmu6
libxmuu1
libxpm4
libxrandr2
libxrender1
libxshmfence1
libxslt1.1
libxt6
libxtables12
libxtst6
libxv1
libxxf86dga1
libxxf86vm1
libyaml-0-2
libzstd1
lilo
linux-base
linux-libc-dev
lm-sensors
locales
lockfile-progs
login
logrotate
lsb-base
lsb-release
lsf
ltrace
man-db
mawk
mdadm
memtest86+
mime-support
mount
multiarch-support
nano
ncurses-base
ncurses-bin
net-tools
netbase
netcat-openbsd
netcat-traditional
netplan.io
networkd-dispatcher
nplan
ntp
tpdate
odbcinst
odbcinst1debian2
open-vm-tools
openjdk-8-jdk
openjdk-8-jdk-headless
openjdk-8-jre
openjdk-8-jre-headless
openssl
parted
passwd
pciutils
perl
perl-base
perl-modules-5.26
perl-openssl-defaults
procps
psmisc
python
python-apt-common
python-certifi
python-chardet
python-idna
python-lockfile
python-minimal
python-pkg-resources
python-pyasn1
python-pystache
python-requests
python-setuptools
python-six
python-urllib3
python2.7
python2.7-minimal
python3
python3-apt
python3-asn1crypto
python3-blinker
python3-certifi
python3-cffi-backend
python3-chardet
python3-configobj
python3-cryptography
python3-dbus
python3-gi
python3-google-compute-engine
python3-idna
python3-jinja2
python3-json-pointer
python3-jsonpatch
python3-jsonschema
python3-jwt
python3-markupsafe
python3-minimal
python3-netifaces
python3-oauthlib
python3-pkg-resources
python3-requests
python3-serial
python3-six
python3-software-properties
python3-urllib3
python3-yaml
python3.6
python3.6-minimal
qemu-guest-agent
readline-common
recode
rsync
rsyslog
screen
sed
sensible-utils
setserial
shared-mime-info
smartmontools
socat
software-properties-common
strace
sudo
sysstat
systemd
systemd-sysv
sysvinit-utils
tar
tcpdump
telnet
traceroute
tzdata
ubuntu-advantage-tools
ubuntu-keyring
ubuntu-minimal
ubuntu-mono
ucf
udev
unixodbc
unzip
update-inetd
usbutils
util-linux
uuid-runtime
vim-common
vim-tiny
vlan
walinuxagent
wget
whiptail
x11-common
x11-utils
xdg-user-dirs
xe-guest-utilities
xkb-data
xxd
xz-utils
zile
zlib1g
zlib1g-dev

Modified Packages
cloud-init
libpam-script
libsnp-base
libsnp-dev
libsnp30
linux-cloud-tools-4.15.0-128
linux-cloud-tools-common
linux-tools-4.15.0-128
linux-tools-common
openssh-client
openssh-server
openssh-sftp-server
snmp
snmpd
ssh
tripwire
Other License Acknowledgements
/aws-cfn-bootstrap
Version: 1.4
License summary: Apache 2.0

The following license text applies:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.
"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation
source, and configuration files.
"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.
"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).
"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.
"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."
"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed
as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

**google-cloud-sdk**

Version: 297.0.1

Package Source URL: https://dl.google.com/dl/cloudsdk/channels/rapid/downloads/google-cloud-sdk-297.0.1-linux-x86_64.tar.gz

License summary: Apache 2.0

The following license text applies:
The Google Cloud SDK and its source code are licensed under Apache License v. 2.0 (the "License"), unless otherwise specified by an alternate license file.

You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

Note that if you use the Cloud SDK with any Google Cloud Platform products, your use is additionally going to be governed by the license agreement or terms of service, as applicable, of the underlying Google Cloud Platform product with which you are using the Cloud SDK. For example, if you are using the Cloud SDK with Google App Engine, your use would additionally be governed by the Google App Engine Terms of Service.

This also means that if you were to create works that call Google APIs, you would still need to agree to the terms of service (usually, Google Developer Terms of Service at https://developers.google.com/terms) for those APIs separately, as this code does not grant you any special rights to use the services.

**ipaddress**

Version: 1.0.16

License summary:

The following license text applies:

This package is a modified version of cpython's ipaddress module.

It is therefore distributed under the PSF license, as follows:

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

-----------------------------------------------
1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.


3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.

4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.
6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

**linux-cloud-tools-4.15.0-128-stm-azure**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-cloud-tools-4.15.0-128-stm-ec2**

Version: 4.15.0-128.131zeus1
License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.
This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2`.

**linux-cloud-tools-4.15.0-128-stm-gce**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-cloud-tools-4.15.0-128-stm-hyperv**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including

This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `~/usr/share/common-licenses/GPL-2`.

**linux-cloud-tools-4.15.0-128-stm-kvm**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-cloud-tools-4.15.0-128-stm-vmware**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `usr/share/common-licenses/GPL-2`.

**linux-cloud-tools-4.15.0-128-stm-xen**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-image-unsigned-4.15.0-128-stm-azure**
Version: 4.15.0-128.131zeus1
License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.
This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including 
This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-image-unsigned-4.15.0-128-stm-ec2**
Version: 4.15.0-128.131zeus1
License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-image-unsigned-4.15.0-128-stm-gce**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-image-unsigned-4.15.0-128-stm-hyperv**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:
This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA.

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2`.

**linux-image-unsigned-4.15.0-128-stm-kvm**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:
This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2`.

**linux-image-unsigned-4.15.0-128-stm-vmware**

Version: 4.15.0-128.131zeus1

License summary: GPL-2
The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2`.

**linux-image-unsigned-4.15.0-128-stm-xen**

Version: 4.15.0-128.131zeus1

License summary: GPL-2
The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.
This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/
This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.

**linux-modules-4.15.0-128-stm**
Version: 4.15.0-128.131zeus1
License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.
This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/
This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
**linux-modules-4.15.0-128-stm-azure**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2`.
The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.
This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/
This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.
This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
linux-modules-4.15.0-128-stm-hyperv
Version: 4.15.0-128.131zeus1
License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.
This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
**linux-modules-4.15.0-128-stm-vmware**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2`.
**linux-modules-4.15.0-128-stm-xen**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
**linux-tools-4.15.0-128-stm**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including

This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2`.
**linux-tools-4.15.0-128-stm-azure**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
linux-tools-4.15.0-128-stm-ec2

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.
This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
**linux-tools-4.15.0-128-stm-gce**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.

This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including

This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `~/usr/share/common-licenses/GPL-2`.
**linux-tools-4.15.0-128-stm-hyperv**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2`. 
linux-tools-4.15.0-128-stm-kvm
Version: 4.15.0-128.131zeus1
License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.
This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
linux-tools-4.15.0-128-stm-vmware
Version: 4.15.0-128.131zeus1
License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.
Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI>
and others.
This package was put together by the Ubuntu Kernel Team, from
sources retrieved from upstream linux git.
The sources may be found at most Linux ftp sites, including
This package is currently maintained by the
Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>
Linux is copyrighted by Linus Torvalds and others.
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation; version 2 dated June, 1991.
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
On Ubuntu Linux systems, the complete text of the GNU General
Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
**linux-tools-4.15.0-128-stm-xen**

Version: 4.15.0-128.131zeus1

License summary: GPL-2

The following license text applies:

This is the Ubuntu prepackaged version of the Linux kernel.

Linux was written by Linus Torvalds <Linus.Torvalds@cs.Helsinki.FI> and others.

This package was put together by the Ubuntu Kernel Team, from sources retrieved from upstream linux git.

The sources may be found at most Linux ftp sites, including ftp://ftp.kernel.org/pub/linux/kernel/

This package is currently maintained by the Ubuntu Kernel Team <ubuntu-kernel@lists.ubuntu.com>

Linux is copyrighted by Linus Torvalds and others.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; version 2 dated June, 1991.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA.

On Ubuntu Linux systems, the complete text of the GNU General Public License v2 can be found in `/usr/share/common-licenses/GPL-2'.
python-daemon
Version: 1.6
License summary: PSF-2

The following license text applies:

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2
--------------------------------------------
1. This LICENSE AGREEMENT is between the Python Software Foundation
("PSF"), and the Individual or Organization ("Licensee") accessing and
otherwise using this software ("Python") in source or binary form and
its associated documentation.
2. Subject to the terms and conditions of this License Agreement, PSF
hereby grants Licensee a nonexclusive, royalty-free, world-wide
license to reproduce, analyze, test, perform and/or display publicly,
prepare derivative works, distribute, and otherwise use Python
alone or in any derivative version, provided, however, that PSF's
License Agreement and PSF's notice of copyright, i.e., "Copyright (c)
All Rights Reserved" are retained in Python alone or in any derivative
version prepared by Licensee.
3. In the event Licensee prepares a derivative work that is based on
or incorporates Python or any part thereof, and wants to make
the derivative work available to others as provided herein, then
Licensee hereby agrees to include in any such work a brief summary of
the changes made to Python.
4. PSF is making Python available to Licensee on an "AS IS"
basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR
IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND
DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS
FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT
INFRINGEMENT ANY THIRD PARTY RIGHTS.
5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON
FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS
A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON,
OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.
6. This License Agreement will automatically terminate upon a material
breach of its terms and conditions.
7. Nothing in this License Agreement shall be deemed to create any
relationship of agency, partnership, or joint venture between PSF and
Licensee. This License Agreement does not grant permission to use PSF
trademarks or trade name in a trademark sense to endorse or promote
products or services of Licensee, or any third party.
8. By copying, installing or otherwise using Python, Licensee
agrees to be bound by the terms and conditions of this License
Agreement.

slabinfo
Version: 0.1-zeus2
License summary: GPL v2

The following license text applies:

This package was debianized by Brocade on 16 May 2016.
Maintained by Pulse Secure LLC as of 1 Aug 2017.
It installs the slabinfo command built from the
tools/vm folder in the kernel source tree

* (C) 2007 sgi, Christoph Lameter
* (C) 2011 Linux Foundation, Christoph Lameter

#########################################################################
"This software program is licensed subject to the GNU General Public License
<http://www.gnu.org/licenses/gpl-2.0.html>"

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble
The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.
When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things. To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all. The precise terms and conditions for copying, distribution and modification follow.
GNU GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:
a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.
c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)
These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote it. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
   a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
   b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
   c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source
code means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to
control compilation and installation of the executable. However, as a
special exception, the source code distributed need not include
anything that is normally distributed (in either source or binary
form) with the major components (compiler, kernel, and so on) of the
operating system on which the executable runs, unless that component
itself accompanies the executable.
If distribution of executable or object code is made by offering
access to copy from a designated place, then offering equivalent
access to copy the source code from the same place counts as
distribution of the source code, even though third parties are not
compelled to copy the source along with the object code.
4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt
otherwise to copy, modify, sublicense or distribute the Program is
void, and will automatically terminate your rights under this License.
However, parties who have received copies, or rights, from you under
this License will not have their licenses terminated so long as such
parties remain in full compliance.
5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties to
this License.

7. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Program at all. For example, if a patent
license would not permit royalty-free redistribution of the Program by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Program.
If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.
It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software
Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

Google Cloud SDK included packages

The following packages form part of the Google Cloud SDK and possess their own licenses:

antlr3
apitools
appdirs
argcomplete
cachetools
certifi
chardet
concurrent
contextlib2
containerregistry
dateutil
dns
docker
dulwich
elem
fancy_urllib
fasteners
functools32
gae_ext_runtime
googlegoogle/auth
googlegoogle/oauth2
googlegoogle/protobuf
googlegoogle_auth_httplib2
googlegoogle_auth_oauthlib
grpc_dummy
httplib2
httplib2shim
idna
ipaddr
ipaddress
jsonschema
kubernetes
mako
ml_sdk
monotonic
oauth2client
oauthlib
packaging
pkg_resources
portpicker
prompt_toolkit
pyasn1
pyasn1_modules
pygments
pyparsing
pyu2f
requests
requests_oauthlib
rsa
ruamel
setuptools
six
socks
sqlparse
ssl_match_hostname
uritemplate
urlib3
urllib
wcwidth
websocket
yaml
Open Source Software Notice

This product includes software originating from third parties that are subject to one or more of the following:

- The GNU Library/Lesser General Public License (LGPL)
- The GNU General Public License (GPL)
- The Berkeley Software Distribution (BSD) License
- The OSI Artistic License
- Various GPL/BSD-like Distribution Licenses

All applicable third party software packages and accompanying licenses are listed in this document and in the *Pulse Secure Virtual Traffic Manager: User’s Guide*, available from the Traffic Manager product pages on the Pulse Secure Web site.

Pulse Secure, LLC offers to provide a complete copy of the source code for the software under said licenses on a CD-ROM, for a charge covering the cost of performing such distribution, such as the cost of media, shipping, and handling, upon written request to Pulse Secure, LLC at the following address:

Source Code Requests VTM-APPLIANCE (GPL)
Pulse Secure, LLC
The Jeffreys Building
Cowley Road
Cambridge
CB4 0DS
United Kingdom

This offer is valid for a period of three (3) years from the date of the distribution of this product by Pulse Secure, LLC. Please refer to the exact terms of the appropriate license regarding your rights.