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Pulse Secure Virtual Traffic Manager: Appliance License Acknowledgements

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Preface

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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.

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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 19.2r4.
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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
dnsutils
dpkg
e2fsprogs
eject
ethtool
fail2ban
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
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libbabeltrace1
libbind9-160
libbinutils
libblkid1
libboost-filesystem1.65.1
libboost-iostreams1.65.1
libboost-system1.65.1
libbsd0
libbz2-1.0
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libc-dev-bin
libc6
libc6-dev
libcairo2
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libcap2-bin
libcom-err2
libcomerr2
libcroco3
libcryptsetup12
libcups2
libcurl4
libcwidget3v5
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libdb5.3
libdbus-1-3
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libexpat1
libext2fs2
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libfdisk1
libffi6
libfile-copy-recursive-perl
libflac8
libfontconfig1
libfontenc1
libfreeipmi16
libfreetype6
libfribidi0
libfuse2
libgc1c2
libgcc1
libgcrypt20
libgdbm-compat4
libgdbm5
libgdk-pixbuf2.0-0
libgdk-pixbuf2.0-common
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libgif7
libgirepository-1.0-1
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libgl1-mesa-glx
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libglglib2.0-data
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libice6
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libisccfg160
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libjpeg-turbo8
libjpeg8
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libjson-perl
libk5crypto3
libkeyutils1
libklibc
libkmod2
libkrb5-26-heimdal
libkrb5-3
libkrb5support0
liblcms2-2
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libldap-common
libllvm8
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liblockfile-bin
liblockfile1
libltdl7
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libmount1
libmpdec2
libmpfr6
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libpixman-1-0
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libroken18-heimdal
librsvg2-2
librsvg2-common
librtmp1
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libseccomp2
libsececomp1
libseccomp1
libsemanage-common
libsemanage1
libsensors4
libsensors4-dev
libsepol1
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libtext-iconv-perl
libtext-wrapi18n-perl
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libudev-dev
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libunwind8
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libxcb-shm0
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libxcb1
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libxcursor1
libxdamage
libxdmcp
libxext
libxfixes
libxft
libxi
libxinerama
libxml2
libxmlsec
libxmlsec-openssl
libxmu
libxmuu
libxpm
libxrender
libxshmfence
libxslt
libx
libxtables
libxtest
libxv
libxxf86dga
libxxf86vm
libyaml-0-2
libzstd
lilo
linux-base
linux-libc-dev
lm-sensors
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login
logrotate
lsb-base
lsb-release
lsof
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
ntpd
ntpd
odbcinst
odbcinst1debian2
open-vm-tools
openjdk-8-jdk
openjdk-8-jdk-headless
openjdk-8-jre
openjdk-8-jre-headless
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parted
passwd
pciutils
perl
perl-base
perl-modules-5.26
perl-openssl-defaults
procps
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python
python-apt-common
python-certifi
python-chardet
python-idna
python-lockfile
python-minimal
python-pkg-resources
python-pyasn1
python-pystache
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python3
python3-apt
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python3-blinker
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python3-jsonpatch
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systemd
systemd-sysv
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tar
tcpdump
telnet
traceroute
tzdata
ubuntu-advantage-tools
ubuntu-keyring
ubuntu-minimal
ubuntu-mono
ucf
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unzip
update-inetd
usbutils
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uuid-runtime
vim-common
vim-tiny
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walinuxagent
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xz-utils
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cloud-init
libpam-script
libsnp-base
libsnp-dev
libsnp30
linux-cloud-tools-4.15.0-64
linux-cloud-tools-common
linux-tools-4.15.0-64
linux-tools-common
openssh-client
openssh-server
openssh-sftp-server
snmp
snmpd
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tripwire
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aws-cfn-bootstrap
Version: 1.4
License summary: Apache 2.0

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**google-cloud-sdk**

Version: 237.0.0

Package Source URL: https://dl.google.com/dl/cloudsdk/channels/rapid/downloads/google-cloud-sdk-237.0.0-linux-x86_64.tar.gz

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Version: 1.0.16

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Version: 4.15.0-64.73zeus1

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**linux-cloud-tools-4.15.0-64-stm-hyperv**

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**linux-cloud-tools-4.15.0-64-stm-kvm**

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**linux-cloud-tools-4.15.0-64-stm-vmware**

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**linux-cloud-tools-4.15.0-64-stm-xen**

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Version: 4.15.0-64.73zeus1

License summary: GPL-2

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linux-tools-4.15.0-64-stm-ec2
Version: 4.15.0-64.73zeus1
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**linux-tools-4.15.0-64-stm-gce**

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linux-tools-4.15.0-64-stm-hyperv
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linux-tools-4.15.0-64-stm-vmware

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**linux-tools-4.15.0-64-stm-xen**

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Version: 1.6
License summary: PSF-2

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Version: 0.1-zeus2
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<one line to give the program's name and a brief idea of what it does.>

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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

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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.

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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**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
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
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uritemplate
urllib3
urllib3
wcwidth
websocket
yaml
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