

Pulse Secure Virtual Traffic Manager: Appliance License Acknowledgements

Supporting Pulse Secure Virtual Traffic Manager 18.2

Product Release 18.2

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www.pulsesecure.net

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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 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.

Format	Description
bold text	Identifies command names
	Identifies keywords and operands
	Identifies the names of user-manipulated GUI elements
	Identifies text to enter at the GUI
italic text	Identifies emphasis
	Identifies variables
	Identifies document titles
Courier Font	Identifies command output
	Identifies command syntax examples

Command syntax conventions

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

Convention	Description
bold text	ldentifies command names, keywords, and command options.
italic text	ldentifies a variable.
[]	Syntax components displayed within square brackets are optional. Default responses to system prompts are enclosed in square brackets.

Convention	Description
{ x y z }	A choice of required parameters is enclosed in curly brackets separated by vertical bars. You must select one of the options.
x y	A vertical bar separates mutually exclusive elements.
<>	Non-printing characters, for example, passwords, are enclosed in angle brackets.
	Repeat the previous element, for example, member[member].
\	Indicates a "soft" line break in command examples. If a backslash separates two lines of a command input, enter the entire command at the prompt without the backslash.

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.

CALITION

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 http://www.pulsesecure.net.

Self-Help Online Tools and Resources

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

- Find CSC offerings: https://www.pulsesecure.net/support
- Search for known bugs: https://www.pulsesecure.net/support
- Find product documentation: https://www.pulsesecure.net/techpubs
- Find solutions and answer questions using our Knowledge Center: https://www.pulsesecure.net/support

- Download the latest versions of software and review release notes: https://www.pulsesecure.net/ support
- Search technical bulletins for relevant hardware and software notifications: https:// www.pulsesecure.net/support
- Open a case online in the CSC Case Management tool: https://www.pulsesecure.net/support
- To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: https://www.pulsesecure.net/support

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://www.pulsesecure.net/support.
- • Call 1-844 751 7629 (Toll Free, US).

For international or direct-dial options in countries without toll-free numbers, see https://www.pulsesecure.net/support.

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 18.2.

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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

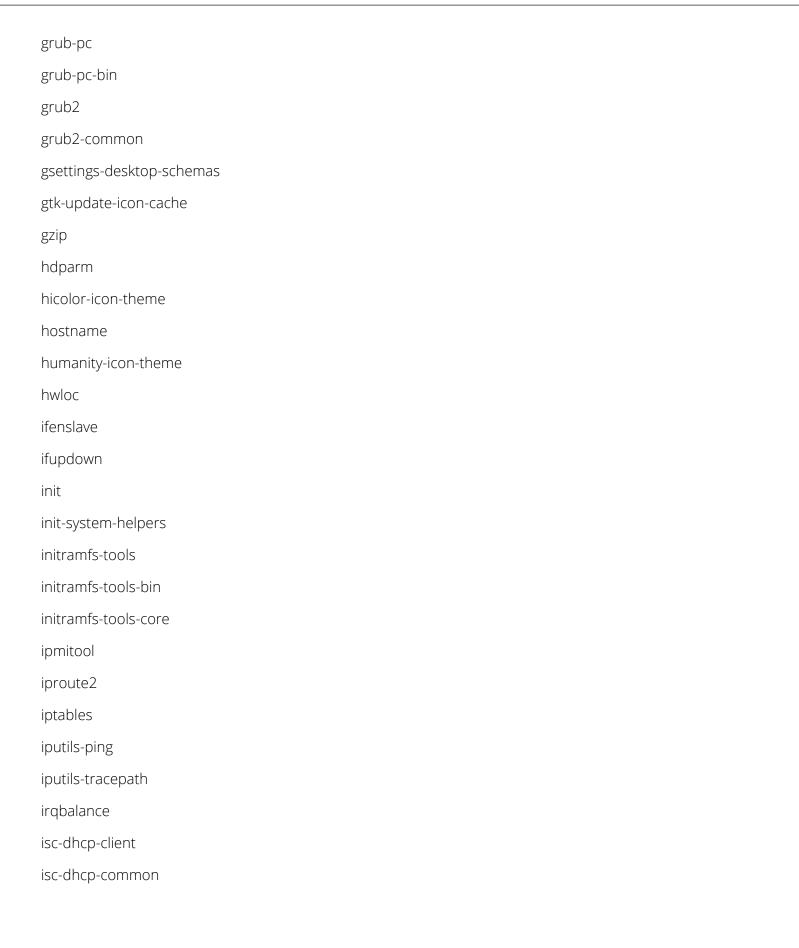
binutils-common

binutils-x86-64-linux-gnu

bsdmainutils

bsdutils
busybox-initramfs
bzip2
ca-certificates
ca-certificates-java
cloud-guest-utils
console-setup
console-setup-linux
coreutils
cpio
cron
curl
dash
dbus
dconf-gsettings-backend
dconf-service
debconf
debconf-i18n
debianutils
diffutils
distro-info-data
dmidecode
dmsetup
dnsutils
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 glib-networking glib-networking-common glib-networking-services google-compute-engine-oslogin gpg gpgconf gpgv grep groff-base grub-common grub-gfxpayload-lists



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

iso-codes

libavahi-client3

libavahi-common-data
libavahi-common3
libbabeltrace1
libbind9-160
libbinutils
libblkid1
libboost-filesystem1.65.1
libboost-iostreams1.65.1
libboost-system1.65.1
libbsd0
libbz2-1.0
libc-bin
libc-dev-bin
libc6
libc6-dev
libcairo-gobject2
libcairo2
libcap-ng0
libcap2
libcap2-bin
libcolord2
libcom-err2
libcomerr2
libcroco3
libcryptsetup12
libcups2

libcurl4 libcwidget3v5 libdatrie1 libdb5.3 libdbus-1-3 libdconf1 libdebconfclient0 libdevmapper1.02.1 libdns-export1100 libdns1100 libdrm-amdgpu1 libdrm-common libdrm-intel1 libdrm-nouveau2 libdrm-radeon1 libdrm2 libdumbnet1 libdw1 libedit2 libegl-mesa0 libegl1 libelf1 libepoxy0 libestr0 libexpat1 libext2fs2 libfastjson4

libffi6
libfile-copy-recursive-perl
libflac8
libfontconfig1
libfontenc1
libfreeipmi16
libfreetype6
libfribidi0
libfuse2
libgbm1
libgc1c2
libgcc1
libgcrypt20
libgdbm-compat4
libgdbm5
libgdk-pixbuf2.0-0
libgdk-pixbuf2.0-common
libgeoip1
libgif7
libgirepository-1.0-1
libgl1
libgl1-mesa-dri
libgl1-mesa-glx
libglapi-mesa
libglib2.0-0
libglib2.0-data

libfdisk1

libglvnd0 libglx-mesa0 libglx0 libgmp10 libgnutls30 libgpg-error0 libgraphite2-3 libgssapi-krb5-2 libgssapi3-heimdal libgtk-3-0 libgtk-3-common libharfbuzz0b libhcrypto4-heimdal libheimbase1-heimdal libheimntlm0-heimdal libhogweed4 libhwloc5 libhx509-5-heimdal libice6 libicu60 libidn11 libidn2-0 libip4tc0 libip6tc0 libiptc0 libirs160 libisc-export169

libisccc160
libisccfg160
libjbig0
libjpeg-turbo8
libjpeg8
libjson-c3
libjson-glib-1.0-0
libjson-glib-1.0-common
libjson-perl
libk5crypto3
libkeyutils1
libklibc
libkmod2
libkrb5-26-heimdal
libkrb5-3
libkrb5support0
liblcms2-2
libldap-2.4-2
libldap-common
libllvm6.0
liblocale-gettext-perl
liblockfile-bin
liblockfile1
libltdl7
liblwres160
liblz4-1

libisc169

liblzma5 libmagic-mgc libmagic1 libmnl0 libmount1 libmpdec2 libmpfr6 libmspack0 libncurses5 libncursesw5 libnet-http-perl libnet-ssleay-perl libnetfilter-conntrack3 libnettle6 libnewt0.52 libnfnetlink0 libnghttp2-14 libnspr4 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
libproxy1v5
libpsl5
libpulse0
libpython-stdlib
libpython2.7-minimal
libpython2.7-stdlib
libpython3-stdlib

libpython3.6 libpython3.6-minimal libpython3.6-stdlib libreadline5 libreadline7 librecode0 librest-0.7-0 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

libsoup-gnome2.4-1

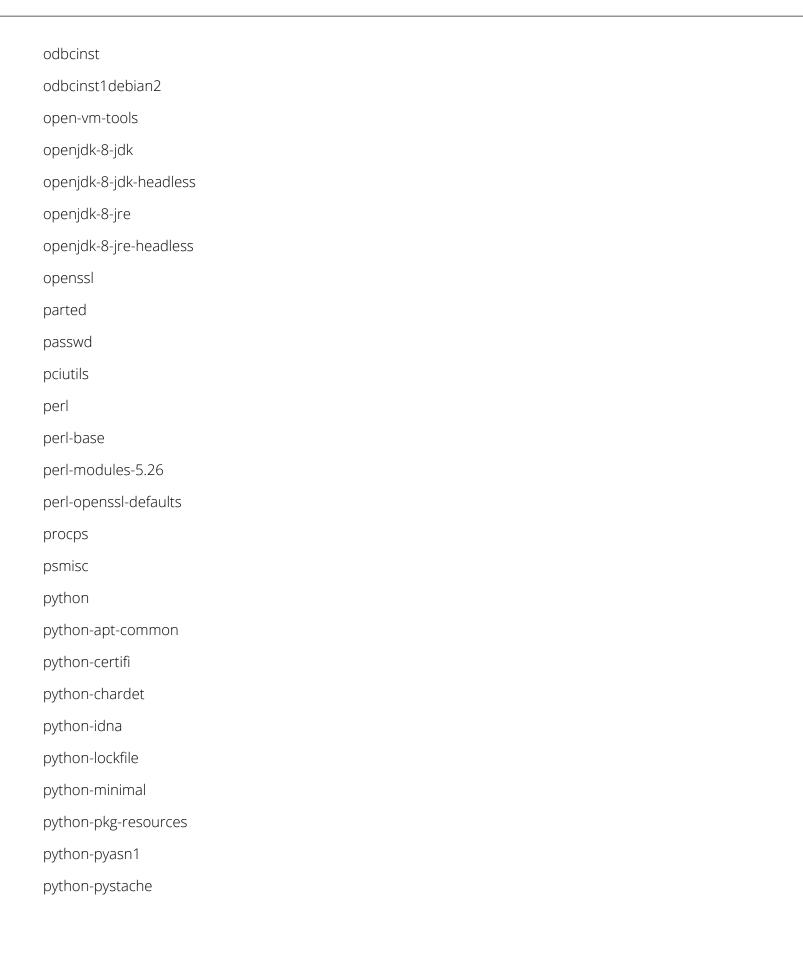
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libss2
libssl-dev
libssl1.0.0
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libstdc++6
libsysfs2
libsystemd0
libtasn1-6
libtext-charwidth-perl
libtext-iconv-perl
libtext-wrapi18n-perl
libthai-data
libthai0
libtiff5
libtinfo5
libudev-dev
libudev1
libunistring2
libunwind8
liburi-perl
libusb-1.0-0
libutempter0
libuuid1
libvorbis0a
libvorbisenc2
libwayland-client0

libwayland-cursor0 libwayland-egl1-mesa libwayland-server0 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 libxcb-xfixes0 libxcb1 libxcomposite1 libxcursor1 libxdamage1 libxdmcp6 libxext6

libxfixes3
libxft2
libxi6
libxinerama1
libxkbcommon0
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 Isof Itrace 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 ntpdate



python-requests

python-setuptools

python-six

python-urllib3

python2.7

python2.7-minimal

python3

python3-apt

python3-asn1crypto

python3-blinker

python3-boto

python3-certifi

python3-cffi-backend

python3-chardet

python3-configobj

python3-cryptography

python3-dbus

python3-distro

python3-gi

python3-google-compute-engine

python3-idna

python3-jinja2

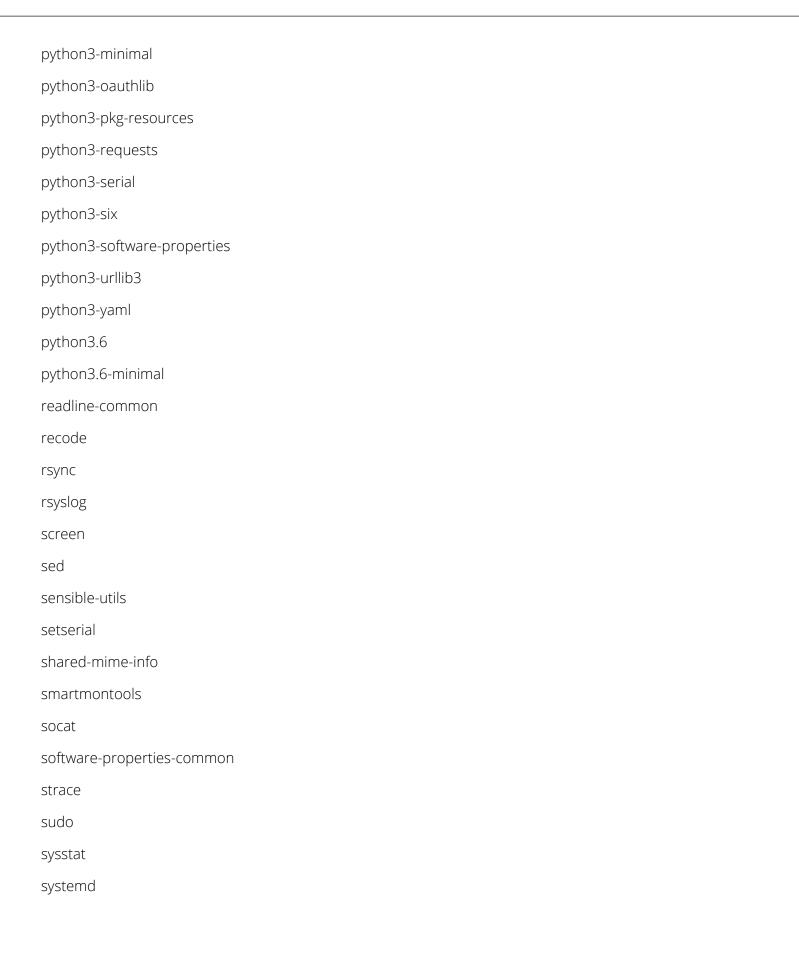
python3-json-pointer

python3-jsonpatch

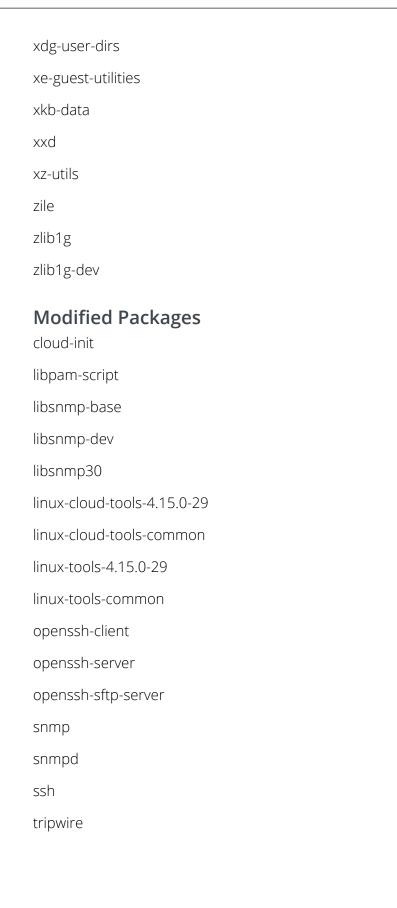
python3-jsonschema

python3-jwt

python3-markupsafe



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



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aws-cfn-bootstrap

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google-cloud-sdk

Version: 197.0.0

Package Source URL: https://dl.google.com/dl/cloudsdk/channels/rapid/downloads/google-cloud-sdk-197.0.0-linux-x86 64.tar.gz

License summary: Apache 2.0

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ipaddress

Version: 1.0.16

License summary:

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linux-cloud-tools-4.15.0-29-stm-azure

Version: 4.15.0-29.31zeus1

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Version: 4.15.0-29.31zeus1

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linux-cloud-tools-4.15.0-29-stm-gce

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linux-cloud-tools-4.15.0-29-stm-hyperv

Version: 4.15.0-29.31zeus1

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linux-cloud-tools-4.15.0-29-stm-vmware

Version: 4.15.0-29.31zeus1

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linux-cloud-tools-4.15.0-29-stm-xen

Version: 4.15.0-29.31zeus1

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linux-modules-4.15.0-29-stm-vmware

Version: 4.15.0-29.31zeus1

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linux-modules-4.15.0-29-stm-xen

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linux-tools-4.15.0-29-stm-azure

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linux-tools-4.15.0-29-stm-gce

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linux-tools-4.15.0-29-stm-kvm

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linux-tools-4.15.0-29-stm-vmware

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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