

Vertiv™ Avocent® MP1000 Management Platform

Open Source Software Notice

AUGUST 2023

Section Outline

1. Overview
2. Open Source Application Services and Containers Listings
3. Open Source Obsidian Operating System Listings
4. Open Source License Terms and Conditions

1. Overview

This Software Notice provides a listing of the open source software components provided with the Vertiv™ Avocent® MP1000 management platform. All open source software is subject to the terms and conditions of its applicable license.

2. Open Source Application Services and Containers Listings

The following table lists the open source software licenses as well as the components of each.

Vertiv™ Avocent® MP1000 Management Platform Licenses and Components

LICENSE	COMPONENTS			
AFL-2.1	dbus	libdbus-1-3	python3-dbus	
All-permissive	sensible-utils			
Apache-2.0	aihttp	github.com/devopsfaith/bloomfilter	github.com/kylelemons/godebug	github.com/nats-io/nuid
	asyncio-nats-client	github.com/dgraph-io/ristretto	github.com/mwitkow/go-proto-validators	github.com/nats-io/stan.go
	asyncio-nats-streaming	github.com/google/wire	github.com/nats-io/jwt	github.com/prometheus/common
	async-timeout	github.com/grpc-ecosystem/go-grpc-middleware	github.com/nats-io/nats.go	github.com/spf13/afero
	distconfig	github.com/inconshreveable/mousetrap	github.com/nats-io/nkeys	github.com/spf13/cobra
	github.com/square/go-jose/v3	google-api-core	gopkg.in/ini.v1	honnef.co/go/tools
	github.com/vmware/govmomi	google-api-python-client	gopkg.in/yaml.v2	libargon2-1
	git-man	googleapis-common-protos	grpcio	libcryptsetup12
google.golang.org/genproto	google-auth	grpcio-status	libgnutls30	

LICENSE	COMPONENTS			
Apache-2.0 (continued)	google.golang.org/grpc	google-auth-http2	grpcio-tools	multidict
	requests	watchdog	yarl	protoc-gen-swagger
	git			
Artistic	cron	libgcc1	libstdc++6	perl-modules-5.26
	gcc-8-base	libperl5.26	perl	perl-modules-5.28
	liberror-perl	libperl5.28	perl-base	
Artistic-2	iptables	libip6tc0	libiptc0	libxtables12
	libip4tc0			
ASL 2	rsa			
Autoconf	liblzma5	xz-utils		
Bellcore	mime-support			
BSD	libbz2	libmpdec2	pyasn1	tftp-hpa
	libc-utils	psutil	pycparser	websockets
BSD 3-Clause License or Apache License_ Version 2.0	uritemplate			
BSD License	netaddr	parse	ujson	uptime
BSD or Apache License_ Version 2.0	cryptography			
BSD-2-clause	bsdutils	github.com/magiconair/properties	libfdisk1	libuuid1
	debconf	github.com/pkg/errors	libgirepository-1.0-1	mount
	dmsetup	github.com/volatiletech/null/v8	liblz4-1	nginx
	dpkg	libblkid1	libmount1	nginx-module-geoip
	fdisk	libc-utils	libnghttp2-14	nginx-module-image-filter
	gir1.2-glib-2.0	libdevmapper1.02.1	libsmartcols1	nginx-module-njs
	nginx-module-xslt	pyasn1-modules	util-linux	
BSD-2-Clause or Apache-2.0	packaging			
BSD-2-Clause-alike	file	libmagic1	libmagic-mgc	

LICENSE	COMPONENTS			
BSD-3-Clause	curl	github.com/google/uuid	github.com/volatiletech/strmangle	golang.org/x/sys
	github.com/antlr/antlr4	github.com/spf13/pflag	gnupg-utils	golang.org/x/errors
	dirmngr	github.com/grpc-ecosystem/grpc-gateway	gnupg	golang.org/x/text
	github.com/alecthomas/template	github.com/grpc-ecosystem/grpc-gateway/v2	gnupg-l10n	golang.org/x/tools
	github.com/ericlagergren/decimal	github.com/tmthrgd/atomic	golang.org/x/crypto	google.golang.org/protobuf
	github.com/fsnotify/fsnotify	github.com/tmthrgd/go-byte-test	golang.org/x/lint	gpg
	github.com/gogo/protobuf	github.com/volatiletech/randomize	golang.org/x/mod	gpg-agent
	github.com/golang/protobuf	github.com/volatiletech/sqlboiler/v4	golang.org/x/net	gpgconf
	gpgv	init-system-helpers	libedit	gpgsm
	gpg-wks-client	libapparmor1	libpgp-error0	libhx509-5-heimdal
	gpg-wks-server	libasn1-8-heimdal	libgssapi3-heimdal	libjpeg-turbo
	grpc-gateway-protoc-gen-openapiv2	libcap2	libhcrypto4-heimdal	libkrb5-26-heimdal
	grplib	libcurl3-gnutls	libheimbase1-heimdal	libp11-kit0
	idna	libcurl4	libheimntlm0-heimdal	libroken18-heimdal
	libwebp	libzstd1	lsb-release	libtirpc
	libwind0-heimdal	lsb-base	pcre	protobuf
	BSD-3-clause-with-patent-grant	libzstd1		
BSD-4-clause	libsasl2-2	libsasl2-modules	libsasl2-modules-db	
BSD-variant	libbz2-1.0			
By	libpython3.6-minimal	libpython3.7-stdlib	python3.6-minimal	python3.7-minimal
	libpython3.6-stdlib	python3.6	python3.7	libpython3.7-minimal
bzip2-1.0.6	libbz2			
CC0	libgnutls30			
CC0-1.0	libnss-systemd	libsystemd0	systemd	systemd-sysv
	libpam-systemd	libudev1		
CC-BY-SA-4.0	libnftables0	nftables		

LICENSE	COMPONENTS			
Chromium	libpsl5			
custom	libgd	libxslt		
Dual License	python-dateutil			
Expat	libjansson4	libjson-c3	python3-gi	python-pip-whl
Expat license	mccabe	pycodestyle		
FreeSoftware	libunistring2			
FTL	freetype			
GAP	libassuan0	libhogweed4	libidn11	libnettle6
GFDL	diffutils	libreadline7	readline-common	
GFDL-1.3	findutils	libtasn1-6		
GFDL-1.3+	libgdbm5	libgdbm-compat4		
GFDL-NIV-1.3+	libgdbm6	libgdbm-compat4		
GNU GPL	python-apt			
GNU LGPL	PyGObject			
GPL	alpine-keys	geoip	libnfnetlink0	libsemanage-common
	base-files	gzip	libpam0g	libsensors5
	dash	libacl1	libpam-modules	libsensors-config
	debian-archive-keyring	libc-utils	libpam-modules-bin	libsepol1
	debianutils	libffi6	libpam-runtime	lm-sensors
	gdbm	libgmp10	libsemanage1	shared-mime-info
	ubuntu-keyring			
GPL-1	libaudit1	libaudit-common		
GPL2	alpine-baselayout	apk-tools	busybox	scanelf
GPL-2	adduser	hostname	libcap-ng0	libkeyutils1
	apt	libacl1	libc-bin	libkmod2
	base-passwd	libapt-inst2.0	libext2fs2	libkrb5-3
	bzip2	libapt-pkg5.0	libgcrypt20	libkrb5support0

LICENSE	COMPONENTS			
GPL-2 (continued)	ca-certificates	libattr1	libgssapi-krb5-2	libmnl0
	dmidecode	libbz2-1.0	libidn2-0	libnetfilter-contrack3
	e2fsprogs	libc6	libk5crypto3	libnftnl11
	libprocps6	mawk	procps	tar
	librtmp1	netbase	python3-apt	ucf
	libselsinix1	passwd	python3-software-properties	unattended-upgrades
	libsqlite3-0	pinentry-curses	python-apt-common	xdg-user-dirs
	login	powermgmt-base	sysvinit-utils	
GPL-2.0	alpine-baselayout	libuuid	scanelf	ssl_client
	busybox			
GPL-2.0- only	alpine-baselayout	busybox	socat	ssl_client
	apk-tools	scanelf		
GPL-2.0-or- later	keyutils-libs	libgcc	readline	xz-libs
	libcom_err	libgpg-error		
GPL-3	bash	grep	libksba8	sed
	coreutils			
GPL-3.0-or- later	bash			
IJG	libjpeg-turbo			
ISC	distro-info-data	libretls	libtls-standalone	libxml2
LGPL	chardet	libgcrypt	libglib2.0-0	libglib2.0-data
LGPL-2	libseccomp2			
LGPL-2.0-or- later	libnsl			
LGPL-2.1	iso-codes	libnpt0	libseccomp2	
LGPL-2.1+	libintl			
LGPL-2.1-or- later	libgcrypt	libintl		
LGPLv2+	systemd-python			
LGPLv3+	jwcrypto			

LICENSE	COMPONENTS			
Libpng	libpng			
MIT	alpine-keys	github.com/benbjohnson/clock	github.com/go-playground/validator/v10	github.com/nelkinda/health-go
	attrs	github.com/BurntSushi/toml	github.com/go-resty/resty/v2	github.com/nelkinda/http-go
	brotli-libs	github.com/cespare/xxhash	github.com/jinzhu/copier	github.com/nicksnyder/go-i18n
	cachetools	github.com/friendsofgo/errors	github.com/konsorten/go-windows-terminal-sequences	github.com/patrickmn/go-cache
	cff	github.com/gofrs/uuid	github.com/leodido/go-urn	github.com/pelletier/go-toml
	charset-normalizer	github.com/go-playground/locales	github.com/lib/pq	github.com/rubenv/sql-migrate
	curl	github.com/go-playground/universal-translator	github.com/mitchellh/mapstructure	github.com/sirupsen/logrus
	github.com/spf13/cast	go.uber.org/atomic	gopkg.in/ldap.v2	krb5-libs
	github.com/spf13/jwalterweatherman	go.uber.org/multierr	h2	libcurl
	github.com/spf13/viper	go.uber.org/tools	hpack	libexpat1
	github.com/subosito/gotenv	go.uber.org/zap	httplib2	libffi
	github.com/tmthrgd/go-popcount	gopkg.in/alecthomas/kingpin.v2	hyperframe	libverto
	github.com/volatiletech/inflect	gopkg.in/asn1-ber.v1	iniconfig	libxml2
	musl-utils	gopkg.in/gorp.v1	krb5-conf	musl
	ncurses-libs	pluggy	pytz	vyper-config
	ncurses-terminfo	py	PyYAML	wheel
	ncurses-terminfo-base	pyflakes	setuptools	nghttp2-libs
	netifaces	PyJWT	six	pip
	pytest	pyparsing	toml	urllib3
	MPL-2.0	ca-certificates	dhcp	fqdn
ca-certificates-bundle		dhcp-server-vanilla	github.com/hashicorp/errwrap	github.com/hashicorp/hcl
ca-certificates-cacert		certifi		
openssl	libcrypto1.0	libssl1.0	libssl1.1	openssl
	libcrypto1.1			

LICENSE	COMPONENTS			
PSF	typing-extensions			
Public-Domain	sqlite-libs	tzdata		
Zlib	zlib	zlib1g		
MIT and Apache-2.0	github.com/pelletier/go-toml			
Tom Thorogood and Will Fitzgerald	github.com/tmthrgd/go-bitset			
Tom Thorogood and The Go Authors	github.com/tmthrgd/go-bitwise	github.com/tmthrgd/go-memset		
Tom Thorogood and The Go Authors and Wojciech Muła	github.com/tmthrgd/go-hex			
UNKNOWN	.nginx-rundeps	libdebconfclient0	libncursesw5	libssl1.0.0
	.python-rundeps	libc6	libncursesw6	libssl1.1
	ca-certificates	libldap-2.4-2	libpcre3	libtinfo5
	libcom-err2	libldap-common	libpython3-stdlib	libtinfo6
	libdb5.3	libncurses5	libss2	ncurses-base
	ncurses-bin	python3	python3-lib2to3	software-properties-common
	openssl	python3-distutils	python3-minimal	tzdata
	unattended-upgrades	zlib1g		

3. Open Source Obsidian Operating System Listings

The following table lists the open source software licenses as well as the components of each.

Vertiv™ Avocent® MP1000 Management Platform Licenses and Components

LICENSE	COMPONENTS			
(GPLv2+ LGPLv3) & GPLv3+	dbus	libdbus-1-3	python3-dbus	
(GPLv3 & Elfutils-Exception)	sensible-utils			
(LGPLv2+ LGPLv3) & GPLv3+	libidn			
AFL-2 GPLv2+	dbus	dbus-glib		
Apache-2.0	containerd-opencontainers	python3-docker	python3-docker-pycreds	python3-pyopenssl
	docker-ce	python3-docker-compose	python3-nacl	runc-opencontainers
	python3-bcrypt	python3-dockerpty		
Apache-2.0 BSD	python3-cryptography			
Artistic-1.0 GPL-1.0+	perl			
BSD	file	libpcre	openssh	tcpdump
	libpcap	libtirpc	python3-ply	
BSD & GPLv2+	iputils			
BSD & MIT	libevent			
BSD Artistic-1.0	shadow			
BSD GPLv2	libcap			
BSD-2-Clause	python3-colorama	python3-pyasn1		
BSD-3-Clause	python3-cached-property	python3-pycparser	unzip	
BSD-3-Clause & Python-2.0 & Unicode	python3-idna			
bzip2	bzip2			
CLOSED	base-files	python3-chardet	python3-requests	python3-six
Firmware-Abilis	linux-firmware			
Firmware-adsp_sst	linux-firmware			
Firmware-agere	linux-firmware			
Firmware-amdgpu	linux-firmware			

LICENSE	COMPONENTS			
Firmware-amd-ucode	linux-firmware			
Firmware-atheros_firmware	linux-firmware			
Firmware-atmel	linux-firmware			
Firmware-broadcom_bcm43xx	linux-firmware			
Firmware-ca0132	linux-firmware			
Firmware-cavium	linux-firmware			
Firmware-chelsio_firmware	linux-firmware			
Firmware-cw1200	linux-firmware			
Firmw	linux-firmware			
FreeType GPLv2+	freetype			
GPL-2	efitools			
GPL-2.0+ & LGPL-2.1+	kmod			
GPL-2.0+ & MPL-2.0	ca-certificates			
GPL-3.0-with-GCC-exception	gcc-runtime			
GPL-3.0-with-GCC-exception & GPLv3	gcc	libgcc		
GPLv2	atop	dmidecode	logrotate	shared-mime-info
	bash-completion	keymaps	netbase	thermald
	bridge-utils	linux-intel	psmisc	tree
GPLv2 & LGPLv2 & BSD & MIT	e2fsprogs			
GPLv2 & LGPLv2.1	glibc	syslog-ng	systemd	systemd-conf
GPLv2 GPLv3	dnsmasq			
GPLv2+	base-passwd	iptables	net-tools	systemd-serialgetty
	efibootmgr	kbd	opkg-utils	update-rc.d
	iproute2			
GPLv2+ & GPL-3.0-with-autoconf-exception & LGPLv2.1+ & PD	xz			
GPLv2+ & LGPLv2.1+	lmsensors			
GPLv2+ & LGPLv2.1+ & BSD	util-linux			

LICENSE	COMPONENTS			
GPLv2+ & LGPLv2+	procps			
GPLv2+ BSD	libpam			
GPLv3	binutils	grep	python3-strict-rfc3339	tar
	gawk	grub-efi	sbsigntool	wget
	gdbm			
GPLv3+	bash	diffutils	python3-rfc3987	rsync
	bc	findutils	readline	sed
	coreutils	gzip		
GPLv3+ & LGPLv2.1+	gnutls			
GPLv3+ BSD-2-Clause	less			
Intel-Microcode-License	intel-microcode			
ISC	dhcp	libsodium	python3-certifi	tmux
ISC & BSD	bind			
LGPL-2.1	libnsl2			
LGPL-3.0	python3-texttable	python3-websocket-client		
LGPLv2.1	efivar	libxcrypt	lxc	python3-paramiko
LGPLv2.1+	libmnl	python3-systemd		
LGPLv2.1+ & BSD & PD	glib-2.0			
LGPLv2.1+ & GPLv2+	acl	attr		
LGPLv3	libmpc			
LGPLv3+	mpfr			
LGPLv3+ GPLv2	libunistring			
LGPLv3+ GPLv2+	nettle			
MIT	curl	libyaml	python3-asn1crypto	python3-pyyaml
	expat	ncurses	python3-cffi	python3-redis
	image-signatures	os-release	python3-docopt	python3-setuputils
	libffi	packagegroup-core-boot	python3-jsonschema	python3-urllib3

LICENSE	COMPONENTS
MIT (continued)	libxcb packagegroup-core-ssh-openssh python3-netifaces run-postinsts
	libxml2 popt python3-pyjwt secureboot-keys
	systemd-compat-units tini volatile-binds shadow-securetty
MIT & MIT-style & BSD	libx11
MIT-style	libxau libxdmcp
MIT-X	lmsensors-config
openssl	openssl
PD	sqlite3
Proprietary	openssl-hmac-creation
PSFv2	python3
vim	vim
Zlib	zlib

4. Open Source License Terms and Conditions

Specific open source license content (including terms and conditions) are listed in this section.

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Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

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