

Vertiv™ Avocent® ADX MP1000 Management Platform

Open Source Software Notice

AUGUST 2021

Section Outline

1. Overview
2. Open Source Application Services and Containers Listings
3. Open Source Obsidian Operating System Listings

1. Overview

This Software Notice provides a listing of the open source software components provided with the Vertiv™ Avocent® ADX 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® ADX MP1000 Management Platform Licenses and Components

| LICENSE | COMPONENTS | | | |
|----------------|------------------------------|--|--|------------------------------|
| AFL-2.1 | dbus | libdbus-1-3 | python3-dbus | |
| All-permissive | sensible-utils | | | |
| Apache-2.0 | aiohttp | 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-httpplib2 | 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 | libgpg-error0 | libhx509-5-heimdal |
| | gpg-wks-server | libasn1-8-heimdal | libgssapi3-heimdal | libjpeg-turbo |
| | grpc-gateway-protoc-gen-openapiv2 | libcap2 | libcrypto4-heimdal | libkrb5-26-heimdal |
| | grpc-lib | 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 |
| | libselineux1 | 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® ADX 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-dockerty | | |
| 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 & Firmware-ads_p_sst & Firmware-agere & Firmware-amdgpu & Firmware-amd-ucode & Firmware-atheros_firmware & Firmware-atmel & Firmware-broadcom_bcm43xx & Firmware-ca0132 & Firmware-cavium & Firmware-chelsio_firmware & Firmware-cw1200 & Firmw | linux-firmware | | | |

| LICENSE | COMPONENTS | | | |
|---|-----------------|-------------|------------------------|---------------------|
| 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 | | | |
| 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 | | | |

| LICENSE | COMPONENTS | | | |
|-------------------------|-----------------------|-------------------------------|--------------------|--------------------|
| 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-setuptools |
| | libffi | packagegroup-core-boot | python3-jsonschema | python3-urllib3 |
| | 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 | | | |

| LICENSE | COMPONENTS |
|---------|------------|
| PSFv2 | python3 |
| vim | vim |
| Zlib | zlib |