

Vertiv™ Avocent® ADX RM1048P Rack Manager

Open Source Software Notice

AUGUST 2021

Section Outline

1. Overview
2. Open Source Application Services and Containers Listings
3. Additional Open Source Software Information

1. Overview

This Software Notice provides a listing of the open source software components provided with the Vertiv™ Avocent® ADX RM1048P Rack Manager. 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 RM1048P Rack Manager 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-openapi-v2	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
	libselslinux1	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	scancel	ssl_client
	busybox			
GPL-2.0- only	alpine-baselayout	busybox	socat	ssl_client
	apk-tools	scancel		
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/friendssofgo/errors	github.com/konsorten/go-windows-terminal-sequences	github.com/patrickmn/go-cache
	ffi	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. Additional Open Source Software Information

The following table lists additional information regarding open source software licenses, components and reference links (where applicable).

Vertiv™ Avocent® ADX RM1048P Licenses, Components and Links

ONIE				
LICENSE	COMPONENTS			
GNU GPL, version 2 (June 1991)	busybox v1.25.1	dmidecode v3.1	efibootmgr v15	gptfdisk v0.8.8
GNU GPL, version 3 (June 2007)	grub v2.02			
Sun Microsystems, Inc. (Copyright 2003)	ipmitool v1.8.18			
LINKS	https://github.com/opencomputeproject/onie/tree/master/upstream			
	https://github.com/Azure/sonic-utilities/blob/master/LICENSE			
SONiC 202006				
LICENSE	COMPONENTS			
Apache 2.0	SONic v202006	dbsyncd	platform-common	platform-daemons
	py-swsssdk	sairedis	snmpagent	swss
	swss-common	utilities		
GNU GPL	buildimage			
GNU GPL v2.0	linux-kernel v4.19	EEPROM/EEPROM_base.py	EEPROM/EEPROM_dts.py	EEPROM/EEPROM_tlvinfo.py
	sfp/bcmshell.py	sfp/sff8472.py	sfp/sfputilbase.py	
LGPL v2.1, February 1999	frr v7.1.2			
Andy McCurdy (Copyright 2012)	redis-py			
Rayed A Alrashed (Copyright 2013)	pyagentx			
Oleg Pudeyev (Copyright 2011-2016)	redis-dump-load			
ISC or GPL 2	fpm.h			
MIT	json.hpp			
LINKS	GNU GPL 2.0: https://comulusnetworks.com		Other: https://github.com/ccampbell/sonic/blob/master/LICENSE	
	Andy McCurdy: https://github.com/andymccurdy/redis-py		Other: https://github.com/Azure/SONiC/blob/master/sourcecode.md	
	Rayed Alrashed: https://github.com/rayed/pyagentx			
	Oleg Pudeyev: https://github.com/p/redis-dump-load			
	ISC or GPL 2: https://github.com/opensourcerouting/quagga/blob/master/fpm/fpm.h			

SAI Specification 1.6.3

LICENSE	COMPONENTS
OWFa 1.0 (Open Web Foundation Final Specification Agreement)	SAI v1.6.3

VPP 20.09

LICENSE	COMPONENTS
Apache 2.0, January 2004	dhcp dpdk lACP nat (natt 44) ping

LINKS	https://github.com/FDio/vpp/blob/master/LICENSE
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DPDK (Core Library and Drivers, VPP 20.09 linked)

LICENSE	COMPONENTS
BSD 3-clause (New/Revised License)	librte
GNU GPL v2.0 only, GNU LGPL v2.1	usertools

LINKS	https://github.com/DPDK/dpdk/tree/main/license
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OpenSSL/SSLey

LICENSE	COMPONENTS
Dual OpenSSL and SSLeyLicense	OpenSSL v1.1.1k
Red Hat Enterprise Linux 8	FIPS patch

LINKS	https://www.openssl.org/source/license-openssl-ssleay.txt
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