

Vertiv™ Avocent® IP SL IP Serial Device

Open Source Software Notice

AUGUST 2023

Section Outline

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1. Overview

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

2. Open Source Application Listings

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

Vertiv™ Avocent® IP SL IP Serial Device Licenses and Components

LICENSE	COMPONENTS			
AFL-2.1 GPLv2+	dbus	dbus-lib		
Apache-2.0	clear-once	dbus-broker	dbus-perms	ffdc
	first-boot-set-hostname	gpioplus	hw-watchdog	libmapper
	obmc-console	obmc-phosphor-power	openpower-fru-vpd	phosphor-certificate-manager
	phosphor-dbus-interfaces	phosphor-debug-collector-dreport	phosphor-debug-collector-manager	phosphor-debug-collector-monitor
	phosphor-debug-collector-scripts	phosphor-fan-control	phosphor-fan-monitor	phosphor-fan-presence-tach
	phosphor-health-monitor	phosphor-hwmon	phosphor-image-signing	phosphor-inventory-manager
	phosphor-led-manager-faultmonitor	phosphor-led-manager-ledmanager	phosphor-led-sysfs	phosphor-logging
	phosphor-logging-base	phosphor-mapper	phosphor-network	phosphor-rsyslog-config
	phosphor-sel-logger	phosphor-settings-manager	phosphor-software-manager-download-mgr	phosphor-software-manager-updater
	phosphor-software-manager-version	phosphor-state-manager-bmc	phosphor-state-manager-chassis	phosphor-state-manager-discover
phosphor-state-manager-host	phosphor-state-manager-host-check	phosphor-state-manager-obmc-targets	phosphor-state-manager-reset-sensor-states	

LICENSE	COMPONENTS				ONEN
Apache-2.0 (continued)	phosphor-state-manager- systemd-target-monitor	phosphor-systemd-policy	phosphor-time-manager	phosphor-user-manager	
	sdbusplus	sdeventplus	slpd-lite	stdplus	
	udev-aspeed-mtd-partitions	udev-aspeed-vuart	vertiv-dbus-interfaces		
	aspeed-image-recoveryuart				
BSD	redis				
BSD & MIT	net-snmp	net-snmp-client	net-snmp-lib-agent	net-snmp-lib-helpers	
	net-snmp-lib-mibs	net-snmp-lib-netsnmp	net-snmp-libs		
	net-snmp-mibs				
BSD Artistic-1.0	shadow	shadow-base			
BSD GPLv2	libcap				
BSD-1-Clause	libwrap				
BSD-2-Clause	linenoise	lua-resty-http	lua-resty-random	openresty	
BSD-3-Clause	libpcrc	libtirpc	rpcbind	util-linux-libuuid	
BSL-1.0 & MIT & Python-2.0	boost-context	boost-coroutine	boost-thread		
GPL-2.0	ndisc6				
GPL-2.0+ & LGPL- 2.1+	kmod				
GPL-3.0-with-GCC- exception	libgcc	libstdc++			
GPLv2	base-files	base-passwd	e2fsprogs-e2fsck	kernel-base	
	kernel-module-aspeed-vhub-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1				
	kernel-module-configfs-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1				
	kernel-module-g-edm-kbdmouse-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1				
	kernel-module-g-edm-mass-storage-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1				
	kernel-module-g-ether-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1				
	kernel-module-libcomposite-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1				
	kernel-module-u-ether-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1				

LICENSE	COMPONENTS			
GPLv2 (continued)	kernel-module-usb-f-ecm-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1			
	kernel-module-usb-f-ecm-subset-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1			
	kernel-module-usb-f-rndis-5.8.17-7ee2d5b4d43403537df38d43c29f2a1bcb4dbce4-ACI-v0.1			
	Logrotate	netbase		
	rng-tools	linux-aspeed		
GPLv2 & bzip2-1.0.4	busybox	busybox-udhcpc		
GPLv2 & LGPLv2 & BSD & MIT	libcomerr	libe2p	libext2fs	
GPLv2 & LGPLv2.1	glibc	libsystemd	libudev	systemd
	systemd-extra-utils	systemd-udev-rules		
	udev			
GPLv2+	ethtool	i2c-tools	libpci	lrzsz
	systemd-serialgetty	u-boot-fw-utils-aspeed-sdk	update-alternatives-opkg	update-rc.d
	xz	u-boot-aspeed-sdk		
GPLv2+ & LGPLv2.1+	libcap-ng			
GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause	util-linux-agetty	util-linux-fsck		
	util-linux-mount	util-linux-sulogin		
	util-linux-umount			
GPLv2+ BSD	libpam	libpam-runtime	pam-plugin-access	pam-plugin-cracklib
	pam-plugin-deny	pam-plugin-env	pam-plugin-faildelay	pam-plugin-group
	pam-plugin-keyinit	pam-plugin-lastlog	pam-plugin-limits	pam-plugin-localuser
	pam-plugin-loginuid	pam-plugin-mail	pam-plugin-motd	pam-plugin-nologin
	pam-plugin-permit	pam-plugin-pwhistory	pam-plugin-rootok	pam-plugin-securetty
	pam-plugin-shells	pam-plugin-succeed-if	pam-plugin-tally2	pam-plugin-unix
	pam-plugin-warn			
GPLv3 & LGPLv3	cifs-utils			
GPLv3 & LGPLv3 & Apache-2.0	rsyslog			

LICENSE	COMPONENTS			
GPLv3+	bash	rsync		
ISC & BSD-3-Clause & BSD-2-Clause & GPLv2+	cronie			
LGPL-2.1+	libkmod			
LGPLv2.1	libestr	libnl	libnl-genl	
	libsfs			
	libxcrypt			
LGPLv2.1+	avahi-daemon	cracklib	libavahi-common	libavahi-core
	libdaemon	libgpod	libgpod-tools	libmnl
	libnss-mdns	util-linux-libblkid	util-linux-libmount	
MIT	expat	fmt	iniparser	jansson
	lapis	libfastjson	lpeg	lpeg-patterns
	lua-resty-jit-uuid	lua-resty-mail	luasocket	md5
	ncurses-libncurses	ncurses-libtinfo	ncurses-terminfo-base	os-release
	packagegroup-aci-advanced	packagegroup-aci-advanced-kvm	packagegroup-aci-ast2600	packagegroup-aci-core
	packagegroup-aci-essentials	packagegroup-aci-redfish-advanced-backendservices	packagegroup-aci-redfish-backendservices	packagegroup-base
	packagegroup-base-extended	packagegroup-base-ipv6	packagegroup-core-boot	packagegroup-core-ssh-dropbear
	packagegroup-distro-base	packagegroup-machine-base	packagegroup-obmc-apps-bmc-state-mgmt	packagegroup-obmc-apps-bmcweb
	packagegroup-obmc-apps-chassis-state-mgmt	packagegroup-obmc-apps-console	packagegroup-obmc-apps-debug-collector	packagegroup-obmc-apps-devtools
	packagegroup-obmc-apps-extras	packagegroup-obmc-apps-fan-control	packagegroup-obmc-apps-health-monitor	packagegroup-obmc-apps-host-state-mgmt
	packagegroup-obmc-apps-ikvm	packagegroup-obmc-apps-inventory	packagegroup-obmc-apps-leds	packagegroup-obmc-apps-logging
	packagegroup-obmc-apps-network	packagegroup-obmc-apps-remote-logging	packagegroup-obmc-apps-rng	packagegroup-obmc-apps-sensors
	packagegroup-obmc-apps-settings	packagegroup-obmc-apps-software	packagegroup-obmc-apps-user-mgmt	packagegroup-obmc-apps-user-mgmt-ldap

LICENSE	COMPONENTS			
MIT (continued)	popt	run-postinsts	shadow-securetty	systemd-compat-units
	systemd-conf	volatile-binds	aspeed-image-secureboot	
MIT & BSD-3-Clause & BSD-2-Clause & PD	dropbear			
MIT & GPLv2+ & BSD	nfs-utils-client	nfs-utils-mount		
MIT-X	libevdev			
OpenLDAP	openldap			
openssl	libcrypto	libssl	openssl	
	openssl-bin			
	openssl-conf			
PD	liblzma			
Proprietary	aci-redfish-accountservice	aci-redfish-certificate	aci-redfish-chassis	aci-redfish-computersystems
	aci-redfish-ethernetinterfaces	aci-redfish-hostinterface	aci-redfish-kvmconsolepreview	aci-redfish-ldapservice
	aci-redfish-logservice	aci-redfish-managers	aci-redfish-networkprotocol	aci-redfish-nginxconfupdater
	aci-redfish-nonredfishsession	aci-redfish-remotepresencecapture	aci-redfish-schemas	aci-redfish-sdataresourceloader
	aci-redfish-sensormanager	aci-redfish-updateservice	aci-redfish-util	aci-redfish-virtualmedia
	aps	corona	edmaim	edmlock
	edmlog	edmpam	edmsecuritymgr	edmusbdv
	image-restart-config	libz51	openssl-hmac-creation	redfish-dbus-map-config
	redfish-sensormanager-config	redfish-static-resources	serial-over-websocket	stingrayz51
	stingrayz51-startup	vertiv-rp-manager		
	vkvmpm			
Zlib	libtinyxml2	zlib		

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