



Commands Requiring sudo Permission in a Bare-Metal Environment

Avi Technical Reference (v20.1)

Commands Requiring sudo Permission in a Bare-Metal Environment

[view online](#)

When a host is added to Linux cloud, the Avi Controller will spawn an Avi SE container on the host by executing a series of commands. All basic and read-only commands can be executed without `sudo` permission, but some commands require it. Following are the commands which require `sudo` permission.

<code>sudo</code> permission to execute <code>avi_baremetal_agent.sh</code>	script which executes when a host is added/modified/deleted to/in/from the Linux cloud
Writing to <code>se_setup.log</code>	logfile
<code>mkdir -p /opt/avi/log/se</code>	creating log directory
<code>docker info</code>	to verify Docker available space
<code>docker rmi</code>	to remove the Docker images
<code>docker images</code>	to see the Docker images
<code>docker ps -a</code>	to see the Docker containers
<code>docker start</code>	to start the Docker container
<code>docker stop</code>	to stop the Docker container
<code>docker rm -f</code>	to remove the Docker containers
<code>docker exec</code>	to execute the command on the Docker container
<code>docker run</code>	to run Docker container
<code>docker wait</code>	to wait until Docker container stops
<code>docker load</code>	to load the Docker image from <code>se_docker.tgz</code>
<code>docker pull</code>	to pull the Docker image from the Docker repository
<code>docker login</code>	to log into the Docker repository
Writing to <code>/etc/sysconfig/network-scripts/</code>	for CentOS-specific network interfaces configuration
<code>service start/service stop</code>	to start/stop the SE services
<code>systemctl start/systemctl stop</code>	to start/stop the SE services
<code>modprobe</code>	to insert kernel module (Used for <code>dpdk</code>)
<code>mkdir -p /mnt/huge</code>	used in case of <code>dpdk</code>
<code>rmmmod igb_uio; rmmmod rte_kni;</code>	to remove kernel module
<code>chkconfig</code>	to check service status
Writing to <code>/etc/init.d/</code>	to update the service files
Writing to <code>/etc/systemd/system/</code>	to update the service files
<code>systemctl enable</code>	to enable the service