

SUDOERS FILE CONTENTS

When you install Security Validation (Linux) components using installable software, part of the install process is to add a sudoers file that includes access information and aliases. The file

`/opt/apps/verodin/planner/init/centos7_rpm/verodin_sudoers` is imported into `/etc/sudoers.d/` with directives to give the Apache user the appropriate permissions.

```
Cmnd_Alias CHOWN_VERODIN_ROOT = /bin/chown -R * /opt/apps/verodin

Cmnd_Alias VERODIN_HTTPD = /bin/systemctl * httpd
Cmnd_Alias VERODIN_APACHECTL = /usr/sbin/apachectl *
Cmnd_Alias VERODIN_SERVICE = /bin/systemctl * verodin-*
Cmnd_Alias VERODIN_INT_KILL = /bin/systemctl kill -s SIGUSR2 verodin-integrations.service

Cmnd_Alias CHOWN_RVM = /bin/chown -R * /usr/local/rvm
Cmnd_Alias EXTRACT_RVM = /bin/tar xf rvm.tar.gz -C /usr/local/
Cmnd_Alias COPY_RVM = /bin/cp rvm.tar.gz /usr/local/
Cmnd_Alias RM_RVM = /bin/rm /usr/local/rvm.tar.gz
Cmnd_Alias CHOWN_HTTPD = /bin/chown -R * /etc/httpd

Cmnd_Alias POSTGRES_SU = /bin/su - postgres -c *

Cmnd_Alias VERODIN_YUM = /bin/yum update --disablerepo="*" --enablerepo="verodin" -y
Cmnd_Alias VERODIN_INSTALL_PKG = /bin/yum install *
Cmnd_Alias VERODIN_UPDATE_PKG = /bin/yum update *
Cmnd_Alias VERODIN_REMOVE_PKG = /bin/yum remove *

Cmnd_Alias DAEMON_RELOAD = /bin/systemctl daemon-reload
Cmnd_Alias VERODIN_REBOOT = /bin/systemctl reboot

Cmnd_Alias VERODIN_IPTABLES = /sbin/iptables *

{{ user }} ALL=(ALL) NOPASSWD: CHOWN_VERODIN_ROOT, VERODIN_HTTPD, VERODIN_APACHECTL, VERODIN_SERVICE,
CHOWN_RVM, EXTRACT_RVM, COPY_RVM, RM_RVM, CHOWN_HTTPD, POSTGRES_SU, VERODIN_YUM, VERODIN_INSTALL_PKG,
VERODIN_UPDATE_PKG, VERODIN_REMOVE_PKG, DAEMON_RELOAD, VERODIN_REBOOT, VERODIN_INT_KILL, VERODIN_IPTABLES
```

verodin_sudoers file

The following code snippet includes the commands and what they do.

```
Cmnd_Alias CHOWN_ROOT = /bin/chown -R * /opt/apps/
# This command establishes the appropriate permissions for the installation directory.

Cmnd_Alias _HTTPD = /bin/systemctl * httpd
# This provides service control over Apache.

Cmnd_Alias _APACHECTL = /usr/sbin/apachectl *
# This alias is for controlling web service during upgrades and restoring backups.

Cmnd_Alias _SERVICE = /bin/systemctl * -*
# This alias is for the Director service.

Cmnd_Alias _INT_KILL = /bin/systemctl kill -s SIGUSR2 -integrations.service
# This alias processes the appropriate command to restart the processes that control the integrations with
external security technologies.

Cmnd_Alias CHOWN_RVM = /bin/chown -R * /usr/local/rvm
# This alias processes the appropriate permissions setting over the instance of RVM.

Cmnd_Alias EXTRACT_RVM = /bin/tar xf rvm.tar.gz -C /usr/local/
# This alias processes the command to extract RVM to the appropriate path.
```

```
Cmnd_Alias COPY_RVM = /bin/cp rvm.tar.gz /usr/local/
# This alias copies the RVM binary to the appropriate path prior to extraction.

Cmnd_Alias RM_RVM = /bin/rm /usr/local/rvm.tar.gz
# This alias allows for the removal of the RVM tarball.

Cmnd_Alias CHOWN_HTTPD = /bin/chown -R * /etc/httpd
# This alias processes the appropriate permissions setting over the instance of Apache.

Cmnd_Alias POSTGRES_SU = /bin/su - postgres -c *
# This alias is used during backup and restore.

Cmnd_Alias _YUM = yum update --disablerepo="*" --enablerepo="" -y
# This alias ensures that can now update from the system local Yum repository.

Cmnd_Alias _INSTALL_PKG = /bin/yum install *
# This alias allow us to add additional dependencies to continue to provide functionality.
Cmnd_Alias _UPDATE_PKG = /bin/yum update *
# This alias allow us to add additional dependencies to continue to provide functionality.

Cmnd_Alias DAEMON_RELOAD = /bin/systemctl daemon-reload
# This alias ensures that can reload system services if any further changes are required to Director
boot-time initialization.

Cmnd_Alias _REBOOT = /bin/systemctl reboot
# This alias processes the appropriate command to restart the director system.

Cmnd_Alias _IPTABLES = /sbin/iptables *
# This alias was added in 4.4.0.0. Version prior to 4.4.0.0 will not have this by default, so Admins must
update the /etc/sudoers.d/ file manually to prevent communication problems over proxies.
#This alias processes the appropriate command to to allow the CNTLM proxy to run.

user ALL=(ALL) NOPASSWD: CHOWN_ROOT, _HTTPD, _APACHECTL, _SERVICE, CHOWN_RVM, EXTRACT_RVM, COPY_R
VM, RM_RVM,
CHOWN_HTTPD, POSTGRES_SU, _YUM, _INSTALL_PKG, _UPDATE_PKG, DAEMON_RELOAD, _REBOOT, _INT_KILL, _IPTABL
ES
# _IPTABLES was added in 4.4.0.0. Versions prior to 4.4.0.0 will not have this by default, so Admins must update
the /etc/sudoers.d/ file manually to prevent communication problems over proxies.
```