

Wired Networking

Smoothwall Won't Install Updates: How to Clean up the Update Cache

Problem

When you try and install Smoothwall updates, the system briefly displays a window showing that files are being downloaded, before telling you that updates cannot be installed. Even if you reboot the system, you still cannot install updates or new releases.

Cause

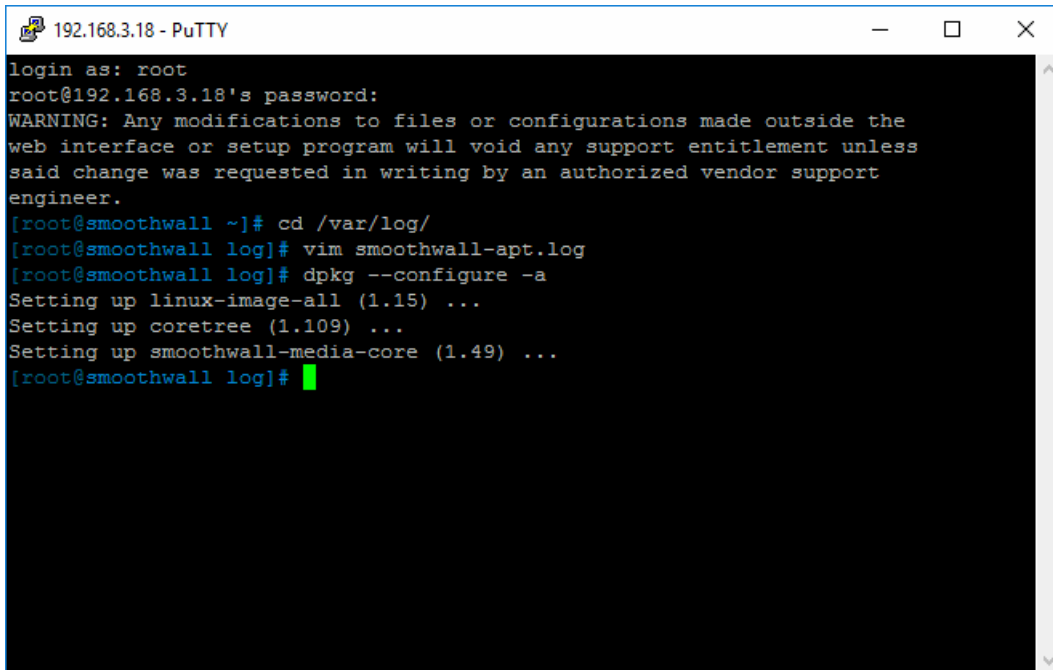
The cause is usually related to the update cache and the installation of previous updates.

Resolution

To check that you are affected by this issue, connect to the Smoothwall unit using PUTTY. By default, the SSH port to connect to Smoothwall systems is port 222.

- Go into the `/var/log` directory using `cd /var/log`
- Review the update logfile using `vim smoothwall-apt.log`
- This should tell you that an update cleanup is required using the `dpkg --configure -a` command.
- If confirmed, run `dpkg --configure -a`

You will then be able to install updates, usually without requiring another reboot.



```
192.168.3.18 - PuTTY
login as: root
root@192.168.3.18's password:
WARNING: Any modifications to files or configurations made outside the
web interface or setup program will void any support entitlement unless
said change was requested in writing by an authorized vendor support
engineer.
[root@smoothwall ~]# cd /var/log/
[root@smoothwall log]# vim smoothwall-apt.log
[root@smoothwall log]# dpkg --configure -a
Setting up linux-image-all (1.15) ...
Setting up coretree (1.109) ...
Setting up smoothwall-media-core (1.49) ...
[root@smoothwall log]#
```

Reminder: Most major updates, and all releases, will require a reboot to take effect. Plan for extended downtime as the Smoothwall may perform a disk check during the reboot if a disk check has not been performed for some time.

Applies to:

- Smoothwall systems

