

Junos Knowledge Base 13067 study; killing hanging login sessions

See:

https://kb.juniper.net/InfoCenter/index?page=content&id=KB13067&cat=SRX_SERIES&actp=LIST

0. The problem is when logging in:

```
lab@vSRX-1> configure exclusive
error: configuration database locked by:
  lab terminal pts/1 (pid 5775) on since 2020-09-15 08:12:24 CEST
exclusive [edit]
```

A user is already logged in exclusively. That session could be stale however.

1. Request the user to logout the easy way:

```
lab@vSRX-1> request system logout pid 5775
```

The effect on the logged in session:

```
lab@vSRX-1#
error: remote side unexpectedly closed connection
Connection to vsrx-1 closed.
```

2. Alternative method

```
lab@vSRX-1> show system processes extensive |match mgd
5458 root      20      0   732M 22900K select  0   0:00   0.00% mgd
5751 root      21      0   732M 23496K select  1   0:00   0.00% mgd
5780 root      20      0   732M 23552K select  1   0:00   0.00% mgd
5579 root      52      0   715M  5324K select  1   0:00   0.00% mgd-api
5791 root      20      0   732M 23880K select  1   0:00   0.00% mgd
```

Login UX as root and kill the “mgd” processes:

```
lab@vSRX-1> start shell sh
$ su
Password:
root@vSRX-1:/var/home/lab # ps ax | grep mgd
5458 - I      0:00.25 /usr/sbin/mgd -N
5579 - I      0:00.02 /usr/sbin/mgd-api -N
5751 - Is     0:00.03 mgd: (mgd) (lab)/dev/ttyu0 (mgd)
5780 - Is     0:00.03 mgd: (mgd) (lab)/dev/pts/0 (mgd)
5791 - Is     0:00.12 mgd: (mgd) (lab)/dev/pts/1 (mgd)
6230  0  S+      0:00.00 grep mgd
```

First make sure you are not going to shoot yourself:

```
root@vSRX-1:/var/home/lab # tty
/dev/pts/0
```

Now shoot the session for pts/1:

```
root@vSRX-1:/var/home/lab # kill 5791
```

Effect:

```
lab@vSRX-1#
error: remote side unexpectedly closed connection
```

Problem solved. If not.. look below..

Junos Knowledge Base 13067 study; killing hanging login sessions

I have seen cases where the above does not solve your problem and the lock on the configuration databases persists:

```
lab@vSRX-1> configure exclusive
```

```
error: configuration database locked by:
```

```
lab terminal pts/1 (pid 5791) on since 2020-09-15 08:16:23 CEST, idle  
00:54:00
```

```
exclusive [edit]
```

Here pid 5791 had already died. The solution according to KB31330 is now:

“The solution in this case is to clear the lock set by that mgd process. In the case of a standalone SRX, the administrator will issue the following command on the affected SRX:

```
root@SRX> clear system commit
```

```
No commit scheduled”
```

Despite the lack of useful feedback, this does clear the lock:

```
lab@vSRX-1> edit
```

```
Entering configuration mode
```

```
[edit]
```

```
lab@vSRX-1# commit
```

```
commit complete
```

That should have solved the problem.