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Redhat / Centos on server

Rocky Linux / CentOS / Oracle Linux 8

This is a workaround for the `postgresql.service` remaining stuck in status “deactivating”: Create the file `/etc/systemd/system/postgresql.service.d/stop.conf` and put the following contents to it (without the markdown code fences above and below):

```
[Service]
ExecStopPost=+/usr/bin/systemctl daemon-reload
```

Set Localization

```
localectl list-locales
localectl set-locale LANG=en_US.UTF-8
```

Rename ethX network

```
/etc/udev/rules.d/70-persistent-net.rules
```

Kernel limits

```
fs.aio-max-nr = 1048576
fs.file-max = 6815744
fs.inotify.max_user_watches=524288
fs.inotify.max_user_instances = 1024
kernel.sem = 250 320000 100 1280
kernel.shmmax = 4398046511104
kernel.shmmni = 4096
net.ipv4.ip_local_port_range = 9000 65500
net.core.rmem_default = 262144
net.core.rmem_max = 4194304
net.core.wmem_default = 262144
net.core.wmem_max = 1048576
net.ipv4.tcp_challenge_ack_limit = 1048576 // CVE-2016-5389
```

File limits

```
/etc/security/limits.d/90-nproc.conf
```

* soft nofile 102400
* hard nofile 102400
* soft nproc 10240
* hard nproc 10240

set_ulimit

/etc/pam.d/common-session
/etc/pam.d/common-session-noninteractive
/etc/pam.d/login

```
session required pam_limits.so
```

Systemd

```
LimitNOFILE=10000
```

Change IO Scheduler

/boot/grub/grub.conf

```
title Red Hat Enterprise Linux Server (2.6.18-8.el5)
    root (hd0,0)
    kernel /vmlinuz-2.6.18-8.el5 ro root=/dev/sda2 elevator=deadline
    initrd /initrd-2.6.18-8.el5.img
```

Disable Hugepage

```
cat /sys/kernel/mm/transparent_hugepage/enabled
```

grub.conf

```
transparent_hugepage=never
```

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