

# Table of Contents

- Redhat / Centos on server** ..... 1
- Rocky Linux / CentOS / Oracle Linux 8** ..... 1
- Set Localization** ..... 1
- Rename ethX network** ..... 1
- Kernel limits** ..... 1
- File limits** ..... 1
- Systemd** ..... 2
- Change IO Scheduler** ..... 2
- Disable Hugepage** ..... 2

# 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

```
[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 nfile 102400
* hard nfile 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
```

From:  
<https://wiki.janforman.com/> - [wiki.janforman.com](https://wiki.janforman.com/)

Permanent link:  
<https://wiki.janforman.com/linux:redhat>

Last update: **2023/04/26 11:53**

