

# CoreOS

## Fix /etc/hosts

Add the following entry to your **/etc/hosts** file:

```
127.0.0.1      localhost
```

## Disabling Automatic Updates

```
sudo systemctl stop update-engine locksmithd
sudo systemctl disable update-engine locksmithd
sudo systemctl mask update-engine locksmithd
```

## Freeing Up Space

To find large files:

```
sudo du / -h | grep "^[0-9\\.]\+G"
```

## Mounting a Volume as a Service

To automatically remount a volume after your node restarts, create a file like this:

```
core@etk2017-backup ~ $ cat /etc/systemd/system/ndslabs.mount
[Unit]
Description=Mount /dev/vdc on /ndslabs
After=local-fs.target

[Mount]
What=/dev/vdc
Where=/ndslabs
Type=ext4
Options=noatime

[Install]
WantedBy=multi-user.target
```

A second example:

```
core@etk2017-backup ~ $ sudo cat /etc/systemd/system/var-lib-docker.mount
[Unit]
Description=Mount /dev/vdb on /var/lib/docker
After=local-fs.target

[Mount]
What=/dev/vdb
Where=/var/lib/docker
Type=ext4
Options=noatime

[Install]
WantedBy=multi-user.target
```

Then, you need to run the following three commands on each of your mounts:

```
sudo systemctl unmask var-lib-docker.mount ndslabs.mount
sudo systemctl enable var-lib-docker.mount ndslabs.mount
sudo systemctl start var-lib-docker.mount ndslabs.mount
```

## Fixing Filesystem Errors

```
>> Use fdisk to list partition table to identify partition to run fsck on
>> See https://wiki.archlinux.org/index.php/Fdisk
```

```
fdisk -l /dev/xxx
fsck /dev/xxx9
```

```
lsblk lists block devices
```

```
fdisk sgdisk gdisk list partitions
```

```
fsck to list problems
```

```
if problems found, Ctrl+C and rerun with -y flag to fix problems
```