

# Upgrading RHEL 8 to RHEL 8.1



## Red Hat Enterprise Linux 8

Red Hat Enterprise Linux 8

Needed to reboot my Red Hat Enterprise Linux 8 desktop anyway, so decided to upgrade it to [RHEL 8.1](#).

## Check That Your Software Subscription is Active

For example, I realised that I have still been using the RHEL 8 beta subscription instead of the Developers License. After completing Red Hat subscription registration, I got the following:

```
greys@redhat:~ $ sudo subscription-manager list
+-----+
Installed Product Status
+-----+
Product Name:    Red Hat Enterprise Linux for x86_64
Product ID:      479
Version:         8.1
Arch:            x86_64
```

Status: Subscribed  
Status Details:  
Starts: 14/11/19  
Ends: 13/11/20

## Upgrade Red Hat OS with yum-update

**yum** tools are more integrated than many people though! So I'm still using **yum update** instead of **dnf**:

```
root@redhat:~ # yum update
Updating Subscription Management repositories.
Red Hat Enterprise Linux 8 for x86_64 - AppStream (RPMs)
2.6 kB/s | 4.5 kB    00:01
Red Hat Enterprise Linux 8 for x86_64 - AppStream (RPMs)
3.0 MB/s | 13 MB    00:04
Red Hat Enterprise Linux 8 for x86_64 - BaseOS (RPMs)
2.4 kB/s | 4.1 kB    00:01
Red Hat Enterprise Linux 8 for x86_64 - BaseOS (RPMs)
2.4 MB/s | 12 MB    00:04
Last metadata expiration check: 0:00:01 ago on Thu 14 Nov
2019 21:28:59 GMT.
Dependencies resolved.
Package                                                    Arch
Version                                                    Repository
Size
Installing:
yum-utils                                                    noarch
4.0.8-3.el8                                                rhel-8-for-
x86_64-baseos-rpms          64 k
replacing dnf-utils.noarch 4.0.2.2-3.el8
kernel-debug-devel                                          x86_64
4.18.0-147.0.3.el8_1                                       rhel-8-for-
x86_64-baseos-rpms          14 M
kernel-devel                                                x86_64
4.18.0-147.0.3.el8_1                                       rhel-8-for-
x86_64-baseos-rpms          13 M
```

```

kernel-core                                x86_64
4.18.0-147.0.3.el8_1                       rhel-8-for-
x86_64-baseos-rpms                         25 M
kernel                                      x86_64
4.18.0-147.0.3.el8_1                       rhel-8-for-
x86_64-baseos-rpms                         1.5 M
kernel-modules                             x86_64
4.18.0-147.0.3.el8_1                       rhel-8-for-
x86_64-baseos-rpms                         22 M
Upgrading:
netcf-libs                                  x86_64
0.2.8-12.module+el8.1.0+4066+0f1aadab     rhel-8-for-
x86_64-appstream-rpms                      77 k
libXt                                        x86_64
1.1.5-12.el8                                rhel-8-for-
x86_64-appstream-rpms                      185 k
alsa-utils                                  x86_64
1.1.9-1.el8                                 rhel-8-for-
x86_64-appstream-rpms                      1.1 M
...
podman-manpages                             noarch
1.4.2-5.module+el8.1.0+4240+893c1ab8     rhel-8-for-
x86_64-appstream-rpms                      180 k
python3-pip-wheel                           noarch
9.0.3-15.el8                                rhel-8-for-
x86_64-baseos-rpms                         1.2 M
mozjs60                                      x86_64
60.9.0-3.el8                                rhel-8-for-
x86_64-baseos-rpms                         6.7 M
libssh-config                               noarch
0.9.0-4.el8                                 rhel-8-for-
x86_64-baseos-rpms                         18 k
python3-setuptools-wheel                   noarch
39.2.0-5.el8                                rhel-8-for-
x86_64-baseos-rpms                         289 k
Installing weak dependencies:
oddjob-mkhomedir                           x86_64
0.34.4-7.el8                                rhel-8-for-
x86_64-appstream-rpms                      52 k
libvarlink                                  x86_64
18-3.el8                                    rhel-8-for-

```

x86\_64-baseos-rpms 44 k

Transaction Summary

Install 17 Packages

Upgrade 646 Packages

Total download size: 1.2 G

Is this ok [y/N]:

Some 15min later I had my desktop in a much better shape:

...

sos-3.7-6.el8\_1.noarch

hwdata-0.314-8.2.el8\_1.noarch

ca-certificates-2019.2.32-80.0.el8\_1.noarch

microcode\_ctl-4:20190618-1.20191112.1.el8\_1.x86\_64

kernel-tools-4.18.0-147.0.3.el8\_1.x86\_64

kernel-headers-4.18.0-147.0.3.el8\_1.x86\_64

bpftool-4.18.0-147.0.3.el8\_1.x86\_64

kernel-tools-libs-4.18.0-147.0.3.el8\_1.x86\_64

python3-perf-4.18.0-147.0.3.el8\_1.x86\_64

Installed:

yum-utils-4.0.8-3.el8.noarch

kernel-debug-devel-4.18.0-147.0.3.el8\_1.x86\_64

kernel-devel-4.18.0-147.0.3.el8\_1.x86\_64

kernel-core-4.18.0-147.0.3.el8\_1.x86\_64

kernel-4.18.0-147.0.3.el8\_1.x86\_64

kernel-modules-4.18.0-147.0.3.el8\_1.x86\_64

oddjob-mkhomedir-0.34.4-7.el8.x86\_64

libvarlink-18-3.el8.x86\_64

python3-argcomplete-1.9.3-6.el8.noarch

oddjob-0.34.4-7.el8.x86\_64

tbb-2018.2-9.el8.x86\_64

gnome-shell-extension-horizontal-

workspaces-3.32.1-10.el8.noarch

podman-manpages-1.4.2-5.module+el8.1.0+4240+893c1ab8.noarch

python3-pip-wheel-9.0.3-15.el8.noarch

mozjs60-60.9.0-3.el8.x86\_64

libssh-config-0.9.0-4.el8.noarch

python3-setuptools-wheel-39.2.0-5.el8.noarch

Complete!

```
root@redhat:~ #
```

And that's it! I rebooted the server and my OS is [RHEL 8.1](#) now:

```
greys@redhat:~ $ more /etc/redhat-release
Red Hat Enterprise Linux release 8.1 (Ootpa)
greys@redhat:~ $ uname -a
Linux redhat 4.18.0-147.0.3.el8_1.x86_64 #1 SMP Mon Nov 11
12:58:36 UTC 2019 x86_64 x86_64 x86_64 GNU/Linux
```

## See Also

- [Red Hat Linux](#)
- [RHEL 8 Reference](#)
- [screenFetch in RHEL 8](#)
- [Red Hat Enterprise Linux 8.1 released](#)
- [Linux Commands](#)