

# Upgrading Standard Edition on CentOS, RHE and Fedora

To upgrade the Linux CDP Standard Edition to version 4.2.0, log in to the server and perform the following steps.

1. Run the following command:

```
# yum update r1soft-cdp-standard-edition
```

```
[root@centos-server ~]# yum update r1soft-cdp-standard-edition
Loaded plugins: fastestmirror, presto
Loading mirror speeds from cached hostfile
 * base: centos.itt-consulting.com
 * extras: centos.itt-consulting.com
 * updates: centos.itt-consulting.com
Setting up Update Process
Resolving Dependencies
--> Running transaction check
--> Package r1soft-cdp-standard-edition.i386 0:4.0.0-17089 will be updated
--> Package r1soft-cdp-standard-edition.i386 0:4.2.0-17723 will be an update
--> Processing Dependency: r1soft-cdp-agent >= 4.2.0 for package: r1soft-cdp-standard-edition-4.2.0-17723.i386
--> Processing Dependency: r1soft-setup >= 4.2.0 for package: r1soft-cdp-standard-edition-4.2.0-17723.i386
--> Processing Dependency: r1soft-cdp-server >= 4.2.0 for package: r1soft-cdp-standard-edition-4.2.0-17723.i386
--> Running transaction check
--> Package r1soft-cdp-agent.i386 0:4.0.0-17089 will be updated
--> Package r1soft-cdp-agent.i386 0:4.2.0-17723 will be an update
--> Processing Dependency: r1soft-cdp-async-agent-2-6 >= 4.2.0 for package: r1soft-cdp-agent-4.2.0-17723.i386
--> Package r1soft-cdp-server.i386 0:4.0.0-17089 will be updated
--> Package r1soft-cdp-server.i386 0:4.2.0-17723 will be an update
--> Package r1soft-setup.i386 0:4.0.0-17089 will be updated
--> Package r1soft-setup.i386 0:4.2.0-17723 will be an update
--> Running transaction check
--> Package r1soft-cdp-async-agent-2-6.i386 0:4.0.0-17089 will be updated
--> Package r1soft-cdp-async-agent-2-6.i386 0:4.2.0-17723 will be an update
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                Arch      Version           Repository        Size
=====
Updating:
r1soft-cdp-standard-edition  i386     4.2.0-17723      r1soft            8.9 k
Updating for dependencies:
r1soft-cdp-agent         i386     4.2.0-17723      r1soft            4.6 M
r1soft-cdp-async-agent-2-6  i386     4.2.0-17723      r1soft            13 M
r1soft-cdp-server        i386     4.2.0-17723      r1soft           108 M
r1soft-setup             i386     4.2.0-17723      r1soft            688 k
=====

Transaction Summary
-----
Upgrade      5 Package(s)

Total download size: 127 M
Is this ok [y/N]: y
```

2. Type "y" and press <Enter> to allow the system to use additional disk space.

```

Is this ok [y/N]: y
Downloading Packages:
Setting up and reading Presto delta metadata
Processing delta metadata
Package(s) data still to download: 127 M
(1/5): r1soft-cdp-agent-4.2.0.i386.rpm | 4.6 MB 00:17
(2/5): r1soft-cdp-async-agent-2-6-4.2.0.i386.rpm | 13 MB 00:38
(3/5): r1soft-cdp-server-4.2.0.i386.rpm | 108 MB 05:25
(4/5): r1soft-cdp-standard-edition-4.2.0.i386.rpm | 8.9 kB 00:00
(5/5): r1soft-setup-4.2.0.i386.rpm | 688 kB 00:03
-----
Total 337 kB/s | 127 MB 06:25
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
  Updating : r1soft-setup-4.2.0-17723.i386 1/10
  Updating : r1soft-cdp-server-4.2.0-17723.i386 2/10
/etc/init.d/cdp-server : cdpserver (pid 1172) already running
  Updating : r1soft-cdp-async-agent-2-6-4.2.0-17723.i386 3/10
  Updating : r1soft-cdp-agent-4.2.0-17723.i386 4/10
Waiting for cdp-agent to stop, this can take up to 60 seconds...
/etc/init.d/cdp-agent stop: cdp agent stopped
Attempting to get a kernel module from 'krnlbld.r1soft.com'

No binary module was found for your kernel. The kernel headers will be required
to build a module. See '/usr/bin/r1soft-setup --help' for more information
/etc/init.d/cdp-agent restart: cdp not running, trying to start
/etc/init.d/cdp-agent restart: cdp started
  Updating : r1soft-cdp-standard-edition-4.2.0-17723.i386 5/10
Warning: Recommended memory for installation is 1024MB
  Cleanup : r1soft-cdp-standard-edition-4.0.0-17089.i386 6/10
  Cleanup : r1soft-cdp-agent-4.0.0-17089.i386 7/10
  Cleanup : r1soft-cdp-server-4.0.0-17089.i386 8/10
...
/etc/init.d/cdp-server : cdpserver stopped
  Cleanup : r1soft-setup-4.0.0-17089.i386 9/10
R1Soft uninstall has kept /usr/sbin/r1soft and relevant configuration informatio
n.
To complete the uninstall, this directory must be removed manually
  Cleanup : r1soft-cdp-async-agent-2-6-4.0.0-17089.i386 10/10

Updated:
 r1soft-cdp-standard-edition.i386 0:4.2.0-17723

Dependency Updated:
 r1soft-cdp-agent.i386 0:4.2.0-17723
 r1soft-cdp-async-agent-2-6.i386 0:4.2.0-17723
 r1soft-cdp-server.i386 0:4.2.0-17723
 r1soft-setup.i386 0:4.2.0-17723

Complete!

```

3. The upgrade process can take some time.

A Full Block Scan will be initiated after an agent upgrade due to a restart of the agent service/daemon. This ensures replicas are consistent even after a server crash or reboot. For more information or to better understand backup types, see Benefits of CDP.

4. After the upgrade is complete, execute the following command to make sure that version 4.2.0

has been installed:

```
# rpm -qa | grep r1soft
```

```
[root@centos-server ~]# rpm -qa | grep r1soft
r1soft-cdp-server-4.2.1-17820.x86_64
r1soft-cdp-agent-4.2.1-17820.x86_64
r1soft-setup-4.2.1-17820.x86_64
r1soft-cdp-async-agent-2-6-4.2.1-17820.x86_64
r1soft-cdp-standard-edition-4.2.1-17820.x86_64
```