

# Installing Agent on CentOS, RHE and Fedora

## 1. Installing Agent Using YUM

### 1.1 Configure YUM Repository

**YUM** is the easiest way to keep programs up-to-date on RedHat-compatible distributions. It downloads and installs the latest version of a program. You should configure the **YUM repository** to manage install and upgrades of CDP Agent.

First, create a YUM .repo file with the R1Soft repository information. Save the file in the yum.repos.d directory which is typically located in /etc/.

1. Open the new file with a text editor such as **vi** or **nano**:

```
# cd /etc/yum.repos.d # vi r1soft.repo
```

or

```
# nano -w /etc/yum.repos.d/r1soft.repo
```

2. Insert the following text into the file and save the file:

```
[r1soft] name=R1Soft Repository Server baseurl=http://repo.r1soft.com/yum/stable/$basearch/ enabled=1 gpgcheck=0
```

3. To verify what is written to the file, use the following command:

```
# cat /etc/yum/yum.repos.d/r1soft.repo
```

### 1.2 Install the Package

Once you have configured the YUM repository, you can use the following command to install CDP Agent:

```
# yum install r1soft-cdp-enterprise-agent
```

### 1.3 Install the Manager key

You can install the key for the backup manager with the following command:

```
# serverbackup-setup --get-key https://Manager_URL
```

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## 2. Install Agent Manually (Using RPM)

### 2.1 Download CDP Agent

[Backup Agent \(Linux 64-bit\)](#)

### 2.2 Make Sure You Can Unzip the Download

Most Linux distributions come with the **unzip** utility pre-installed. To determine if you have the **unzip** utility, run:

```
# which unzip
```

This should return an output similar to the following:

```
# which unzip /usr/bin/unzip
```

If it returns the following output, you need to install the **unzip** utility first:

```
unzip: Command not found.
```

To install unzip on RHE, CentOS, and Fedora:

```
# yum install unzip
```

## 2.3 Extract the ZIP File

We recommend creating a temporary directory to which you can extract the contents of the ZIP file.

1. Use the `mkdir` command to create a temporary directory (in our case, `cdp-agent`).

```
# mkdir cdp-agent
```

2. Use the `mv` command to move the archive to that directory. Note that Linux file names are case sensitive. Make sure you type the name correctly (in our case, "**r1soft-enterprise-agent-linux64-3.18.2.zip**").

```
# mv r1soft-enterprise-agent-linux64-3.18.2.zip cdp-agent
```

3. Use the `cd` command to go to that directory.

```
# cd cdp-agent
```

4. Use the `unzip` command to extract the files.

```
# unzip r1soft-enterprise-agent-linux64-3.18.2.zip
```

## 2.4 Install the Package

**Notice**

You must be a Linux root user to install CDP Agent.

The archive you have extracted contains two folders: one with .deb packages (in our case, "**deb-linux64**") and one with .rpm packages ("**rpm-linux64**"). On RedHat and CentOS, select the .rpm package.

Each folder contains a set of CDP components:

- r1soft-setup
- r1soft-cdp-enterprise-agent
- r1soft-cdp-agent
- r1soft-cdp-async-agent-2-6

You will need to install all of them in one step. Use the cd command to go to the folder with the packages (in our case, rpm-linux64) and run the following command:

**RPM 32-bit (x86) / RPM 64-bit (x86\_64)**

**rpm -i \*.rpm**