

# Upgrading Standard Edition on Debian and Ubuntu

To upgrade the Linux CDP Standard Edition to version 3.18.2, log in to the server and perform the following steps.

## Notice

- Make sure you have a backup of the CDP installation directory before upgrading.
- Make sure that on upgrade from 2.x, the target machine is rebooted before installing 3.18.2.

1. Run the following commands:

```
# apt-get update
```

```
root@debian-server:~# apt-get update
Get:1 http://repo.r1soft.com stable Release.gpg [189 B]
Ign http://repo.r1soft.com/apt/ stable/main Translation-en
Get:2 http://cdn.debian.net squeeze Release.gpg [1672 B]
Ign http://cdn.debian.net/debian/ squeeze/main Translation-en
Get:3 http://cdn.debian.net squeeze-updates Release.gpg [836 B]
Get:4 http://repo.r1soft.com stable Release [2047 B]
Ign http://cdn.debian.net/debian/ squeeze-updates/main Translation-en
Get:5 http://cdn.debian.net squeeze Release [107 kB]
Get:6 http://cdn.debian.net squeeze-updates Release [113 kB]
Get:7 http://cdn.debian.net squeeze/main Sources [5767 kB]
Get:8 http://repo.r1soft.com stable/main amd64 Packages [1388 B]
Get:9 http://cdn.debian.net squeeze/main amd64 Packages [8603 kB]
Get:10 http://cdn.debian.net squeeze-updates/main Sources/DiffIndex [2023 B]
Get:11 http://cdn.debian.net squeeze-updates/main amd64 Packages/DiffIndex [2023 B]
Get:12 http://cdn.debian.net squeeze-updates/main Sources [3370 B]
Get:13 http://cdn.debian.net squeeze-updates/main amd64 Packages [10.5 kB]
Get:14 http://security.debian.org squeeze/updates Release.gpg [836 B]
Ign http://security.debian.org/ squeeze/updates/main Translation-en
Get:15 http://security.debian.org squeeze/updates Release [86.9 kB]
Get:16 http://security.debian.org squeeze/updates/main Sources [77.5 kB]
Get:17 http://security.debian.org squeeze/updates/main amd64 Packages [244 kB]
Fetched 15.0 MB in 4s (3373 kB/s)
Reading package lists... Done
```

```
# apt-get upgrade
```

```

root@debian-server:~# apt-get upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be upgraded:
 acpid aptitude base-files bind9-host ca-certificates dnsmutils dpkg grub-common grub-pc host isc-dhcp-client
 isc-dhcp-common libbind9-60 libbz2-1.0 libc-bin libc6 libc6-i386 libdns69 libfontconfig libgnutls26 libgssapi-krb5-2
 libgssrpc4 libisc62 libisccc60 libiscfg62 libk5crypto3 libkadm5clnt-mit7 libkadm5srv-mit7 libkdb5-4 libkrb5-3
 libkrb5support0 liblures60 libpan-modules libpan-runtime libpan0g libperl5.10 libssl0.9.8 libxml2 linux-base
 linux-image-2.6.32-5-amd64 locales module-init-tools mutt nfs-common openssh-client openssh-server openssl perl
 perl-base perl-modules r1soft-cdp-agent r1soft-cdp-async-agent-2-6 r1soft-cdp-server r1soft-cdp-standard-edition
 r1soft-setup tzdata
56 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 193 MB of archives.
After this operation, 979 kB disk space will be freed.
Do you want to continue [Y/n]?

```

2. Type "Y" to allow the system to use additional disk space.



Tip

The upgrade process can take some time because the above command upgrades all of the obsolete packages, not just the CDP Server.

```

root@debian-server:~# apt-get upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages will be upgraded:
 acpid aptitude base-files bind9-host ca-certificates dnsmutils dpkg grub-common grub-pc host isc-dhcp-client
 isc-dhcp-common libbind9-60 libbz2-1.0 libc-bin libc6 libc6-i386 libdns69 libfontconfig libgnutls26 libgssapi-krb5-2
 libgssrpc4 libisc62 libisccc60 libiscfg62 libk5crypto3 libkadm5clnt-mit7 libkadm5srv-mit7 libkdb5-4 libkrb5-3
 libkrb5support0 liblures60 libpan-modules libpan-runtime libpan0g libperl5.10 libssl0.9.8 libxml2 linux-base
 linux-image-2.6.32-5-amd64 locales module-init-tools mutt nfs-common openssh-client openssh-server openssl perl
 perl-base perl-modules r1soft-cdp-agent r1soft-cdp-async-agent-2-6 r1soft-cdp-server r1soft-cdp-standard-edition
 r1soft-setup tzdata
56 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Need to get 193 MB of archives.
After this operation, 979 kB disk space will be freed.
Do you want to continue [Y/n]? y
Get:1 http://security.debian.org/ squeeze/updates/main libxml2 amd64 2.7.8.dfsg-2+squeeze2 [873 kB]
Get:2 http://repo.r1soft.com/apt/ stable/main r1soft-setup amd64 3.18.2 [1023 kB]
Get:3 http://cdn.debian.net/debian/ squeeze/main base-files amd64 6.0squeeze4 [68.8 kB]
Get:4 http://repo.r1soft.com/apt/ stable/main r1soft-cdp-async-agent-2-6 amd64 3.18.2 [13.1 MB]
Get:5 http://cdn.debian.net/debian/ squeeze/main libc6-i386 amd64 2.11.3-2 [3688 kB]
Get:6 http://cdn.debian.net/debian/ squeeze/main libc-bin amd64 2.11.3-2 [748 kB]
Get:7 http://cdn.debian.net/debian/ squeeze/main libc6 amd64 2.11.3-2 [4146 kB]
Get:8 http://repo.r1soft.com/apt/ stable/main r1soft-cdp-agent amd64 3.18.2 [7508 kB]
Get:9 http://cdn.debian.net/debian/ squeeze/main grub-pc amd64 1.98+20100804-14+squeeze1 [1001 kB]
Get:10 http://cdn.debian.net/debian/ squeeze/main libfontconfig amd64 2.4.2-2.1+squeeze3 [377 kB]
Get:11 http://cdn.debian.net/debian/ squeeze/main grub-common amd64 1.98+20100804-14+squeeze1 [1803 kB]
Get:12 http://cdn.debian.net/debian/ squeeze/main dpkg amd64 1.15.8.12 [2398 kB]
Get:13 http://cdn.debian.net/debian/ squeeze/main perl-modules all 5.10.1-17squeeze3 [3491 kB]
Get:14 http://cdn.debian.net/debian/ squeeze/main libbz2-1.0 amd64 1.0.5-6+squeeze1 [46.3 kB]
Get:15 http://cdn.debian.net/debian/ squeeze/main perl amd64 5.10.1-17squeeze3 [4457 kB]
Get:16 http://repo.r1soft.com/apt/ stable/main r1soft-cdp-server amd64 3.18.2 [98.5 MB]
Get:17 http://cdn.debian.net/debian/ squeeze/main libperl5.10 amd64 5.10.1-17squeeze3 [1160 B]
Get:18 http://cdn.debian.net/debian/ squeeze/main perl-base amd64 5.10.1-17squeeze3 [1068 kB]
Get:19 http://cdn.debian.net/debian/ squeeze/main libpan-modules amd64 1.1.1-6.1+squeeze1 [364 kB]
Get:20 http://cdn.debian.net/debian/ squeeze/main module-init-tools amd64 3.12-2 [112 kB]
Get:21 http://cdn.debian.net/debian/ squeeze/main linux-base all 2.6.32-41 [178 kB]
Get:22 http://cdn.debian.net/debian/ squeeze/main linux-image-2.6.32-5-amd64 amd64 2.6.32-41 [28.7 MB]
24% [22 linux-image-2.6.32-5-amd64 0 B/28.7 MB 0%] [16 r1soft-cdp-server 21.5 kB/98.5 MB 0%]

```

3. After the upgrade is complete, execute the following command to make sure that version 3.18.2 has been installed:

```
dpkg -l | grep r1soft
```

```
root@debian-server:~# dpkg -l | grep r1soft
ii r1soft-cdp-agent          3.18.2          R1Soft CDP Agent
ii r1soft-cdp-async-agent-2-6 3.18.2          R1Soft CDP Asynchronous Agent
ii r1soft-cdp-server        3.18.2          R1Soft CDP Server
ii r1soft-cdp-standard-edition 3.18.2          R1Soft CDP Standard Edition
ii r1soft-setup              3.18.2          R1Soft CDP Server and Agent Setup
root@debian-server:~#
```



### Note

When you upgrade, Task History for completed tasks will be purged. This change fixes several memory issues with the server.