



Cristie Bare Machine Recovery

Installation And Licensing Guide

For Linux

November 2011

Version 6.3.4

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1 Introduction

This document describes the Installation and Licensing of the Cristie Bare Machine Recovery (CBMR) product.

CBMR for Linux can be installed on a x86, x86_64 or PPC Linux machine. If using TSM, the system should have TSM API client version 5.5 or later already installed.

Recovery requires at least 1GB RAM.

CBMR Version 6.3.4 supports the following Linux platforms:

- RedHat Enterprise 4.x or later.
- SUSE 10.x or later.

The CBMR installation is currently available in English only.

Before CBMR can be used it must also be correctly licensed. Cristie provides a 30 day trial license with the product.

2 CBMR Installation and Removal

The CBMR distribution media is provided for x86, x86_64 and PPC OS's.

Note: CBMR must be installed and run by a user that has Root Access privileges.

2.1 Install CBMR

The required installation files can be downloaded by completing the form on the Cristie website:

<http://www.cristie.com/support/downloads/>

The installation files can be found in the `linux/install/main` directory on the CBMR installation CD or ISO.

Installation Process:

Log in as: `root`

Open a terminal and create a mount point for the CD-ROM with:

```
[root@CBMR-6-3-4 Desktop]#  
[root@CBMR-6-3-4 Desktop]# mkdir /mnt/cdrom
```

Mount the installation CD by typing:

```
[root@CBMR-6-3-4 Desktop]#  
[root@CBMR-6-3-4 Desktop]# mount /dev/cdrom /mnt/cdrom
```

If the system supports RedHat Package Manager (RPM), this is the simplest way to install CBMR.

To install from an RPM package enter:

```
[root@CBMR-6-3-4 Desktop]# cd /mnt/cdrom/linux/install/main  
[root@CBMR-6-3-4 main]#
```

To install **without** TSM Client support enter: `rpm -i -nodeps cbmr-6.3-4.xxx.rpm`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# rpm -i --nodeps cbmr-6.3-4.i386.rpm
```

To install **with** TSM Client support enter: `rpm -i cbmr-6.3-4.xxx.rpm`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# rpm -i cbmr-6.3-4.i386.rpm
```

Note: If you use this command and the TSM Client has NOT been previously installed, an error message will be displayed informing of a failed dependency and that TIVsm-API is required to install CBMR with TSM Client support.

If RPM is not available, the gzipped tar file may be installed as follows:

Copy the installation file to the temporary directory: `cp cbmr-6.3-4.linux.xxx.tar.gz /tmp`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# cp cbmr-6.3-4.linux.i386.tar.gz /tmp
```

Navigate to the temporary directory: `cd /tmp`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# cd /tmp
```

Extract the tar file with the following command: `tar xvzf cbmr-6.3-4.linux.xxx.tar.gz`

```
[root@CBMR-6-3-4 tmp]#  
[root@CBMR-6-3-4 tmp]# tar xvzf cbmr-6.3-4.linux.i386.tar.gz
```

Navigate to the cbmr directory: `cd cbmr`

```
[root@CBMR-6-3-4 tmp]#  
[root@CBMR-6-3-4 tmp]# cd cbmr
```

To install CBMR enter: `./install`

```
[root@CBMR-6-3-4 cbmr]#  
[root@CBMR-6-3-4 cbmr]# ./install
```

This will install all the relevant files and licences.

CBMR is installed with a 30 day trial licence. To extend this licence, contact Cristie at cbmr@cristie.com.

2.1.1 Upgrade Install

It is possible to upgrade an existing version of CBMR (6.x.x) to CBMR Version 6.3.4

To upgrade, first mount the installation CD by typing: `mount /dev/cdrom /mnt/cdrom`

```
[root@CBMR-6-3-4 Desktop]#  
[root@CBMR-6-3-4 Desktop]# mount /dev/cdrom /mnt/cdrom
```

Upgrading RPM installations.

To upgrade previous installations **without** TSM Client support enter: `rpm -U --nodeps cbmr-6.3-4.xxx.rpm`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# rpm -U --nodeps cbmr-6.3-4.i386.rpm
```

To upgrade previous installations **with** TSM Client support enter: `rpm -U cbmr-6.3-4.xxx.rpm`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# rpm -U cbmr-6.3-4.i386.rpm
```

Note: If you use this command and the TSM Client has NOT been previously installed, an error message will be displayed informing of a failed dependency and that TIVsm-API is required to install CBMR with TSM Client support.

Upgrading tar file installations.

To upgrade previous CBMR tar based installations, copy the installation file from the installation CD to the temporary directory: `cp cbmr-6.3-4.linux.xxx.tar.gz /tmp`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# cp cbmr-6.3-4.linux.i386.tar.gz /tmp
```

Navigate to the temporary directory: `cd /tmp`

```
[root@CBMR-6-3-4 main]#  
[root@CBMR-6-3-4 main]# cd /tmp
```

Extract the tar file with the following command: `tar xvzf cbmr-6.3-4.linux.xxx.tar.gz`

```
[root@CBMR-6-3-4 tmp]#  
[root@CBMR-6-3-4 tmp]# tar xvzf cbmr-6.3-4.linux.i386.tar.gz
```

Navigate to the cbmr directory: `cd cbmr`

```
[root@CBMR-6-3-4 tmp]#  
[root@CBMR-6-3-4 tmp]# cd cbmr
```

To install CBMR enter: `./install`

```
[root@CBMR-6-3-4 cbmr]#  
[root@CBMR-6-3-4 cbmr]# ./install
```

When prompted, confirm that it is OK to overwrite files.

During the upgrade sequence from an earlier version of CBMR the following items will be migrated to the new installation:

1. CBMR licence file.
2. Defined backup locations. (storage devices)
3. Default backup location setting.
4. Any existing script and log files.
5. TSM dsm.sys file.

2.1.2 Existing Installations of other Cristie BMR products

CBMR cannot be installed with TBMR or NBMR.

2.2 Remove CBMR

Uninstall RPM installations.

To uninstall the RPM package, use:

```
[root@CBMR-6-3-4 Desktop]#  
[root@CBMR-6-3-4 Desktop]# rpm -e cbmr
```

Uninstall tar file installations.

To uninstall the package, navigate to the directory where CBMR was installed and run the *install* script with *-u* option.

```
[root@CBMR-6-3-4 cbmr]#  
[root@CBMR-6-3-4 cbmr]# ./install -u
```

3 Product Licencing

When first installed, CBMR may be used for a trial period of 30 days. During that period CBMR is fully functional. If the software is subsequently un-installed and later re-installed on the same system, the 30 day period continues from the date of the first installation.

If you wish to use the software beyond the trial period, you must register and purchase a licence from Cristie. Alternatively, and in special circumstances, Cristie may extend the licence period if you wish to trial the software beyond that period.

When you purchase a full licence, then a 12 character licence key (xxxxxxxxxxxx) will be sent to you.

This full licence can be applied by entering the command:

```
[root@CBMR-6-3-4 Desktop]#  
[root@CBMR-6-3-4 Desktop]# cbmr --licence xxxxxxxxxxxx
```

4 Cristie Technical Support

If you have any queries or problems concerning your Cristie Bare Machine Recovery product, please contact **Cristie Technical Support**. To assist us in helping with your enquiry, make sure you have the following information available for the person dealing with your call:

- CBMR Version Number
- Linux Distribution
- Any error message information (if appropriate)
- Description of when the error occurs

Contact Numbers - Cristie Software (UK) Limited

Technical Support +44 (0) 1453 847 009

Technical Support Fax +44 (0) 1453 847 003

Toll-Free US Number 1-866-TEC-CBMR (1-866-832-2267)

Sales Enquiries +44 (0) 1453 847 000

Sales Fax +44 (0) 1453 847 001

Email cbmr@cristie.com

Web www.cristie.com

Support Hours

05:00 to 17:00 Eastern Standard Time (EST) Monday to Friday

Out-of-Hours support available to customers with a valid Support Agreement - Severity 1 issues* only

UK Bank Holidays** classed as Out-of-Hours - Severity 1 issues only.

*Severity 1 issues are defined as: a production server failure, cannot perform recovery or actual loss of data occurring.

**For details on dates of UK Bank Holidays, please see www.cristie.com/support/

Cristie Software Limited are continually expanding their product range in line with the latest technologies. Please contact the **Cristie Sales Office** for the latest product range. Should you have specific requirements for data storage and backup devices, then Cristie's product specialists can provide expert advice for a solution to suit your needs.