



BEFINE

**cryptshare**®

# **LARGE FILE TRANSFER**

*made easy and secure*

## ***Cryptshare Installation Manual***

Version 2.2 and higher

Linux Operating Systems only

Befine Solutions AG  
Bebelstrasse 17  
79108 Freiburg  
Germany

Web: [www.befine-solutions.com](http://www.befine-solutions.com)  
E-Mail: [info@befine-solutions.com](mailto:info@befine-solutions.com)  
Telephone: +49 761 38913-0  
Fax: +49 761 38913-115

## *Cryptshare Installation Manual*

1. General	3
1.1. Operating Systems covered by this manual .....	3
2. Installation	3
2.1. Administration Interface on access port - 8080.....	3
2.2. Installation.....	3
2.2.1. Prerequisites .....	4
2.2.2. openSuSE Linux .....	4
2.2.3. Other Linux Distributions .....	4
2.3. Update an existing Cryptshare installation.....	4
2.3.1. Version specific advice .....	4
2.3.1.1. Update to version 2.6 .....	4
2.3.2. General update procedure.....	5
2.3.2.1. openSuSE Linux .....	5
2.3.2.2. Other Linux Distributions .....	5

## 1. General

### 1.1. Operating Systems covered by this manual

Operating System	Is supported
openSuSE >= 11.1	yes
Debian	yes
Fedora	yes
CentOS	no
Red Hat Enterprise (RHEL)	no
SuSE Linux Enterprise (SLES)	no

If you are free to choose from the supported operating systems we suggest installing on openSuSE, as there is an RPM Package available for this platform. For the other platforms installation takes place using an installation script.

Supported operating systems other than openSuSE will be titled with 'Other Linux Distributions' in the rest of this document.

Please note that Windows installations are covered by a separate manual.

## 2. Installation

### 2.1. Administration Interface on access port - 8080

The Administration Interface is installed on a port of its own (port 8080) to allow a higher security level. We suggest using your firewall configuration to make sure that this port on this machine is only accessible in-house and with properly secure access.

### 2.2. Installation

The installation routines execute all essential operations during installation. Hence additional adjustments should not be needed.

After installation of Cryptshare you should first access the Administration Interface (Port 8080) and assign new passwords. The default passwords for reinstallation can be found in the Cryptshare Administration Guide.

## 2.2.1. Prerequisites

Please pre-install the following packages:

- PHP 5.2 or higher (php5 extensions: mcrypt, zip, cli, hash)
- apache2 with php5- and SSL module
- sed
- coreutils

Depending on the distribution you use, the names of these software packages can vary.

In addition please note that the standard configuration is designed to use an SSL certificate. Launching the Apache Server is only possible if a valid SSL certificate exists. This can either be a private or a commercial certificate.

## 2.2.2. openSuSE Linux

Run the rpm Installer `rpm -i <Cryptshare>.rpm`.

Note the details given by the Installer and follow the on-screen instructions.

## 2.2.3. Other Linux Distributions

Unpack the tar.gz- Archive using the command `'tar -xvzf <Cryptshare>.tar.gz`. Then go to the directory created and begin the installation script using the command `'sh install.sh'`

Please follow the instructions given by the Installation script.

## 2.3. Update an existing Cryptshare installation

Cryptshare uses existing configuration details during an update. Adjustment of these settings should not be required. Please note that new options are preset with default values and should be checked and changed (if necessary) after the update.

### 2.3.1. Version specific advice

#### 2.3.1.1. Update to version 2.6

##### *License Terms*

After Installation the Cryptshare License Terms will be displayed when starting Cryptshare. Please note that the use of Cryptshare will not be possible until the Terms have been accepted.

## *Cryptshare License*

Due to changes in the licensing model this version of Cryptshare is not compatible with older license key files. After installing this Cryptshare version, you first need to install a new Cryptshare License key using the Administration Interface. Before this new key is installed, the Cryptshare User Interface will be inactive.

The new license keys do no longer contain any version information. Instead they contain information about the validity term of the license. If you do not have a new Cryptshare license key yet please contact your reseller and do not proceed with the installation.

## *Language Packages*

The language packages for English and German are pre-installed by default.

Other languages that are already installed on your system will not be taken over by this update.

After the update you can install new language packages via the Administration Interface. These can be downloaded from the support area of our web site <http://www.cryptshare.com>.

## **2.3.2. General update procedure**

### 2.3.2.1. openSuSE Linux

Do not uninstall your existing Cryptshare installation, but rather execute the RPM installer for Cryptshare following these instructions:

```
'rpm -U <Cryptshare>.rpm
```

Existing settings and licences are transferred by Cryptshare.

Follow the directions of the installer.

### 2.3.2.2. Other Linux Distributions

Do not uninstall your existing Cryptshare installation. Unpack the tar.gz- archive using the command 'tar -xvzf <cryptshare>.tar.gz'. Then change to the original directory and launch the install script with 'sh install.sh'. The install script scans for existing configuration and licence files. Should these not be found, you have the opportunity to manually select the path where these files reside. You may wish to take note of these pathnames before you start the script.

Follow the instructions given by the installation script.