

Keepit command-line client

Introduction Manual For Keepit 3.0

Questions and ideas:

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Linux/Windows – KCLI

KCLI is the command line tool to use Keepit without gui. Apart from being useful to Linux users who have no desktop installed, it is also useful to Windows users that wants to do system restores, since it is the only way to do system restores.

There is 7 different basic commands, that can be used, either alone, or with following arguments. Each command is described below.

Introduction / Tutorial – The Basics

After installing, the first thing we need to do, is to, either create a new account, or to logon to an account that has already been created.

Make note that in all examples below, if you are running on Windows you have to find “kcli.exe”.

This can be found in your installation folder, newest folder ending with “.ver” . Typically this is placed in “C:\Program Files\Keepit” In the below example, if you are working on a Windows machine, just remove /opt/keepit/ and instead write Kcli.exe in the “.ver” folder.

So “/opt/keepit/kcli show status” on linux will be “kcli.exe show status” on Windows.

Creating your account:

To create a new account using the client, write the following:

```
/opt/keepit/kcli account create user@email.tst
```

After this it will prompt for a new password and a password confirmation.

Login on with an already existing Account:

To log on to an existing account, write the following:

```
/opt/keepit/kcli account login user@email.tst
```

If the account has been used before, you have to import a key from the previous installation.

Importing and exporting keys:

There is two way to import a key. You can either do it manually, or you can do it by importing a key from file. To import the key manually type:

```
/opt/keepit/kcli key manual
```

This will give you the option to manually type in the encryption key. However, it is also possible to import the encryption key from a file. This is done by typing:

```
/opt/keepit/kcli key import filename.kkf
```

This will immediately import the key, and you will be ready to go.

To export your key you write:

```
/opt/keepit/kcli show key
```

This can be piped out: `/opt/keepit/kcli show key >filename.kkf`

If you have imported a key, your machine and product have already been set up, and you can skip the next step.

Setting Machine and product:

Now it is time to set up your machine, and give it a product. The easiest way to do this, is to type the following.

```
/opt/keepit/kcli machine create MACH product PRODUCT
```

In order to see what PRODUCT you have available type the following

```
/opt/keepit/kcli show products
```

This will give you a list of the products that you have available.

Remember: when you type in a productname with spaces, you should always (as it is standard to commandline commands) put ' or " around the sentence. 'Like this' or "Like this"

Managing your backupset:

The backup set is a list of folders that you want to take backups of. If you haven added folders to your backup set, there is nothing to backup. It is also possible to exclude sub-folders inside included folders.

To include example folder "folder2" type:

```
/opt/keepit/kcli backupset include /folder1/folder2
```

If you want to exclude a subfolder "folder3" from "folder2" type the following.

```
/opt/keepit/kcli backupset exclude /folder1/folder2/folder3
```

Starting the backup:

To start the backup, type:

```
/opt/keepit/kcli backup
```

Restoring files:

If it becomes necessary to restore files, there are two approaches to this,

1. Regular restore, with this you choose a folder, where you want all your files restored to.
2. System restore, this will restore all the files to the exact same folder location. Be cautious when using this, since it will overwrite existing files without warning.

To make a normal restore of all files from the latest backup created, type:

```
/opt/keepit/kcli restore all target PATH
```

It is possible to restore specific backups, by setting a time parameter. Running the command "show history" will show you a list of all the backup sets taken, and will give you a time PIT. To restore a specific backup, type:

```
/opt/keepit/kcli restore time PIT all target PATH
```

To do in place restore:

```
/opt/keepit/kcli restore all system
```

Finally, it is possible to restore single files, this is not described in this tutorial, but can be found in the documentation below. This option is only available to Pro customers, however, Pro desktop is excluded from this, and does not support system restore.

Commands

show - displays current information about the status of the system

status - displays current account status

history - displays backup history

backupset [filelist [time PIT]] - displays a list of directories selected for backup With filelist parameter - displays a list of files in PIT backupset. If time parameter is not specified show files from the latest backupset.

products - displays available products for current user

key - displays current encryption key. Exported key must have the .kkt extension

Note: Your Encryption Key is what secures your privacy. All your files are encrypted using this key and you need it to access your files. Make sure you keep a copy of the key in a safe place. Print it out or export it to a file and store it in a safe location.

backup - initiate a backup

There are no extra arguments for backup, simply type backup, and Keepit will start backing up.

restore - initiate a restore

Usage: restore [time PIT] {all | file FILE..} {system | target PATH}

time PIT - a time of backup to restore as shown in 'show history' command. If not specified restore last backup.

all - restore all files in backup set.

file FILE - a list of files to restore.

system - do full system restore (not supported on POSIX). This can also be used as in place restore.

target PATH - path to store restored files.

account - manage user account

Usage: account logout | login USERNAME | create USERNAME

logout - logout from system and clear credentials.

login USERNAME - login as a registered user.

create USERNAME - register a new user.

machine - manage user machine

Usage: machine assign MACH | create MACH product PRODUCT

Use 'show products' to see available products.

assign - assign machine MACH to current user.

create - register a new machine, type of PRODUCT.

backupset - manage directories for backup

Usage: backupset include PATH | exclude PATH | remove PATH

Use 'show backupset' to see current set.

include - add a path to backupset.

exclude - exclude path from backup (add to exclude set).

remove - remove path from backupset.

key - manage account encryption key

Usage: key manual | import FILE

Use 'show key' to see current encryption key.

manual - enter encryption key.

import - import encryption key from file.