

Backup - Installation - Linux

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FAQ-Artikel-Ausdruck

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Lösung (öffentlich)

Backup - Installation - Linux Prerequisites

You need root access to a system that can handle either .deb or .rpm packages.

For other Linux systems, we recommend installing via a container.

Download and Installation

The software is provided via ZIH's official package repositories. For VMs hosted by ZIH, we recommend downloading via the ZIH repository. For your local machine or other systems, we recommend the direct download from the ZIH software server.

Download via ZIH Repository (ZIH VMs only)

If you are using a VM from ZIH, or the machine is already connected to the ZIH repositories, you can install the packages directly via the package manager:

Debian and similar (.deb):

-

Install the package tivsm-ba

SLES and similar (.rpm):

-

Install the packages TIVsm-API64 and TIVsm-BA

Direct Download

Debian and similar (.deb):

Download the package from the [1]software repository:

-

Navigate to the folder of the latest version

-

Download the package with the .tar extension, e.g.:
8.1.26.0-TIV-TSMBAC-LinuxX86_DEB.tar

```
wget  
https://rsoft.zih.tu-dresden.de/tsm/DEBIAN/8.1.26/8.1.26.0-TIV-TSMBAC-LinuxX86_DEB.tar
```

-

Extract the package:

```
mkdir -p tsm_client
```

```
tar -xvf 8.1.26.0-TIV-TSMBAC-LinuxX86_DEB.tar -C tsm_client
```

-

Install the following packages in the given order (the version numbers in the file names may differ depending on the downloaded version):

```
sudo apt install ./tsm_client/gskcrypt64_8.0-55.31.linux.x86_64.deb
```

```
sudo apt install ./tsm_client/gskssl64_8.0-55.31.linux.x86_64.deb
```

```
sudo apt install ./tsm_client/tivsm-api64.amd64.deb
```

```
sudo apt install ./tsm_client/tivsm-ba.amd64.deb
```

-

Clean up:

```
rm -R tsm_client/
```

SLES and similar (.rpm):

Download the package from the [2]software repository:

-

Navigate to the folder of the latest version

-

Download the package with the .tar extension, e.g.:
8.1.26.0-TIV-TSMBAC-LinuxX86.tar:

```
wget  
https://rsoft.zih.tu-dresden.de/tsm/Linux/X86_64/8.1.26/8.1.26.0-TIV-TSMBAC-LinuxX86.tar
```

-

Extract the package:

```
mkdir -p tsm_client  
tar -xvf 8.1.26.0-TIV-TSMBAC-LinuxX86.tar -C tsm_client
```

-

Install the following packages in the given order (the version numbers in the file names may differ depending on the downloaded version):

```
sudo rpm -i ./tsm_client/gskcrypt64-8.0.55.31.linux.x86_64.rpm  
sudo rpm -i ./tsm_client/gskssl64-8.0.55.31.linux.x86_64.rpm  
sudo rpm -i ./tsm_client/TIVsm-API64.x86_64.rpm  
sudo rpm -i ./tsm_client/TIVsm-BA.x86_64.rpm
```

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Clean up:

```
rm -R tsm_client/
```

Arch:

Package [3]tsmclient-service in the AUR

Verifying the Installation

After the installation, try running the command dsmc (as root). If it fails with an error that libgsk8ssl_64.so was not found, run the following commands (as root):

```
echo "/usr/local/ibm/gsk8_64/lib64" > /etc/ld.so.conf.d/gskit.conf
```

```
ldconfig
```

[1] <https://rsoft.zih.tu-dresden.de/tsm/DEBIAN/>

[2] https://rsoft.zih.tu-dresden.de/tsm/Linux/X86_64/

[3] <https://aur.archlinux.org/packages/tsmclient-service>