

Backup - Software - Installation - Linux

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Schlüsselwörter

Backup Installation Linux Tivoli TSM

Lösung (öffentlich)

Installation in Linux Notes Before Installation

All steps must be performed as "root."
Backups are not yet possible after installation; the necessary configuration is still missing.

Extracting the Client Software Package (RPM)

```
root@myPC~/Downloads/tsmc817$ tar -xvf 8.1.7.0-TIV-TSMBAC-LinuxX86.tar
```

After extracting the ".tar" package, the following files should be in your installation folder (in the example, "/Downloads/tsmc817"):

```
README.htm
README_api.htm
TIVsm-API64.x86_64.rpm.rpm
TIVsm-APIcit.x86_64TIVsm-BA.x86_64.rpm
TIVsm-BAcit.x86_64.rpm
TIVsm-BAhdw.x86_64.rpm
TIVsm-JBB.x86_64.rpm
TIVsm-WEBGUI.x86_64.rpm
TIVsm-filepath-source.tar.gz
gskcrypt64-8.0.55.2.linux.x86_64.rpm
gskssl64-8.0.55.2.linux.x86_64.rpm
update.txt
```

Reinstalling the Client Backup Software Package (for SLES and RedHat)

The following example describes the installation of client version 8.1.7.0 (RPM-based). The installation order is necessary due to existing dependencies.

```
root@myPC~/Downloads/tsmc817$ rpm -i gskcrypt64-8.0.55.2.linux.x86_64.rpm
root@myPC~/Downloads/tsmc817$ rpm -i gskssl64-8.0.55.2.linux.x86_64.rpm
root@myPC~/Downloads/tsmc817$ rpm -i TIVsm-API64.x86_64.rpm
root@myPC~/Downloads/tsmc817$ rpm -i TIVsm-BA.x86_64.rpm
```

Setting the Language Environment

If you want to use a German language environment for the client, you can switch to German using the SHELL environment variable "LANG," for example:

```
root@myPC~/Downloads/tsm817$ set | grep LANG
LANG=en_US.UTF-8
# Switch to German
root@myPC~/Downloads/tsm817$ export LANG=DE_DE
```

Installation on Debian and Ubuntu (deb-based installation)

Execute all commands as "root."

IBM does not support any Linux distributions other than "Suse Linux" or "RedHat," although the software generally runs on these systems as well. However, IBM now also provides *.deb packages, usually packaged in a tar archive. After extracting the tar archive, the *.deb packages will be available. These must be installed in the order described (version numbers and package names may vary in your installation):

```
root@myPC~/Downloads/$ dpkg --install gskcrypt64_8.0-55.4_amd64.deb
root@myPC~/Downloads/$ dpkg --install gskssl64_8.0-55.4_amd64.deb
root@myPC~/Downloads/$ dpkg --install TIVsm-API64.x86_64.deb
root@myPC~/Downloads/$ dpkg --install TIVsm-BA.x86_64.deb
```

Updating an IBM Spectrum Protect Client (SUSE or RedHat)

If you are currently using an older version of ISP and would like to upgrade to a newer one:

- It may be advisable to restart your data backup, for example, under a different node name. Please feel free to contact us by email: [1]Contact
- To be on the safe side, copy the files "dsm.sys" and "dsm.opt" (path: /opt/tivoli/tsm/client/ba/bin) to a different directory.
- Next, uninstall all backup client software packages in the reverse order of installation. (You can identify the packages using "rpm -qa | grep -i tiv | grep -vi update" and "rpm -qa | grep -i gsk | grep -vi bas")
- Then install the new version as described above.
- Finally, if necessary, move the copied files "dsm.sys" and "dsm.opt" back to the path /opt/tivoli/tsm/client/ba/bin.
- Before starting the scheduler, you must authenticate with the backup server. Please connect via dsmc and enter the password.

- If you are switching computers at the same time, it usually makes sense to create a new logical IBM Spectrum Protect client for the new computer. To do so, please register a new client.

[1] [mailto:servicedesk@tu-dresden.de?subject=Update der Backup-Klienten-Software](mailto:servicedesk@tu-dresden.de?subject=Update%20der%20Backup-Klienten-Software)