

AXUM SOFTWARE UPGRADE

It is possible to do the update yourself.

But we would like to do it from D&R because not every customer has enough Linux experience to do this... and if a problem appears in the database conversion we can directly solve this.

To do an update, you require:

- Keyboard/mouse connected to the rack OR PuTTY where you can remote logon to the console.
- If there is no internet, Update tarballs which may be copied on the console.
- A correct set up internet connection which may be used by the console for online upgrades and remote assistance (If there is a port redirect to <AXUM-IP>:22)

Below is some information of the procedure:

This document describes the procedure to perform an upgrade on the axum-processes -rack.

You can logon to the system local or from remote (ssh).

- SSH can be used from Linux or with the Windows program PuTTY.

When made a ssh connection you can logon using the following information:

```
user: root
pass: axum
```

Now you will see the prompt '#' where you can type commands.

First we will try to free as much disk space as possible:

We clean the package history of unused and installed packages:

```
# pacman -Scc
```

With the command 'df' we check if we have not used more than 90% of disk space now.

```
# df
```

Check the Use% for /dev/sda1 in the printed result of 'df', here as example:

```
Filesystem      1K-blocks    Used Available Use% Mounted on
/dev/sda1        1011992    752308   208680  79% /
none             111796      0    111796   0% /dev/shm
```

if /dev/sda1 uses more than 90% please contact D&R for remote assistance.

Now you should have enough space to start the upgrade which can be done by using a tarball (is a Linux compressed-file) or via the dnr-package-server.

This upgrade may take several minutes (up to 20 minutes)!

1) using the tarball:

Copy the tarballs to the console (for example with WinSCP), you may place them in the directory /root.

At the terminal type:

```
# cd /root
# pacman -U axum-processes-rack-git-8-i686.pkg.tar.gz
# pacman -U axum-website-rack-git-7-i686.pkg.tar.gz
```

2) using the internet server

Make sure the line 'Server = [ftp://dnr.xs4all.nl:19751/\\$repo/os/i686](ftp://dnr.xs4all.nl:19751/$repo/os/i686)' exists in the file /etc/pacman.d/mirrorlist. If so you can simply do a:

```
# pacman -Syu
```

after this upgrade can free more diskspace by using the following commands:

```
# pacman -Rs qt-dnr-widgets
```

You can confirm the removal of 'qt-dnr-widgets qt-dnr libjpeg libpng'

You can again clear the pacman packages cache using:

```
# pacman -Scc
```

Now the upgrade is finished!

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