

Aprisa - Expanding disk space

This document describes how to add additional disk space to an existing Aprisa installation. To follow the procedure in this document, shell access is needed.

Aprisa uses LVM for its data storage, with the following names:

- Volume group: `apresa-vg`
- To list the logical volumes, type:
`sudo lvscan`

LV Path	Description
<code>/dev/apresa-vg/root</code>	Program and system files
<code>/dev/apresa-vg/swap</code>	Memory swap space
<code>/dev/apresa-vg/data</code>	Data volume with recordings, and usually also the database
<code>/dev/apresa-vg/db</code>	On some systems (H.A.), the database is on a separate volume

The procedure is as follows:

- Add an extra disk (either in the VM or physically).
- Find out the Linux device path of the new disk. The second disk is usually `/dev/sdb`, the third `/dev/sdc`, and so on. In the rest of this document, replace `sdX` with the actual device path of the disk.
- Check the disk:
`sudo fdisk -l /dev/sdX`
You should see the disk size, and it should show no partitions.
- Add the disk to the Aprisa volume group:
`sudo vgextend apresa-vg /dev/sdX`
- To add all of the new space to the data volume (if that is what we want):
`sudo lvextend -l +100%FREE /dev/apresa-vg/data`
- Finally, resize the file partition to match the new available space
`sudo resize2fs /dev/apresa-vg/data`