

Hint: The **-size** value of 2284800 for MD_vol01 is derived from having the quorum on the same array. The number of free extents must be recalculated after quorum creation. The mdisk0 has 8934 extents of 256 MB in size. After you use four of those extents to create the quorum (4 x 256 MB = 1024 MB), the number of free extents is 8930. Multiplying 8930 (number of free extents) with 256 (extents size) leads to 2286080 MB as the value of **-size** for the metadata LUN that collocates with the quorum.

- Run the **svctask mkvdisk** command to create all user data and metadata volumes. Depending on the code version (starting with V7.5), a format will run, by default. Either specify the **-nofmtdisk** flag or increase the sync rate for the format duration.

For more details, see the IBM Knowledge Center:

http://www.ibm.com/support/knowledgecenter/ST3FR7_7.6.1/com.ibm.storwize.v7000.761.doc/svc_createsequentialorstripedmodevdisk_21kd92.html

Tip: The 1 GB metadata quorum volume can be created on any metadata MDisk.

- Run the **svcinfo lsvdisk** command to list all of the created volumes. In Example 9-6, you can see the VDisk user ID (UID), which identifies the LUN in the operating system (OS). You can also see the volume type as seq (sequential) and the volume size.

Example 9-6 svcinfo lsvdisk output

```
IBM_2072:demo:webguest>lsvdisk
id name      IO_group_id IO_group_name status mdisk_grp_id mdisk_grp_name capacity type
FC_id FC_name RC_id RC_name vdisk_UID          fc_map_count copy_count
fast_write_state se_copy_count RC_change compressed_copy_count
0 MD_Quorum 0      io_grp0      online 1          MD_pool      1.00GB seq
60050760008189D18800000000000047 0          1          empty          0
no          0
1 MD_vol01 0      io_grp0      online 1          MD_pool      2.18TB seq
60050760008189D18800000000000048 0          1          empty          0
no          0
IBM_2072:demo:webguest>lsmdisk
```

- You can also see the volumes that are created by using the GUI and going to the Volumes menu (Figure 9-7).

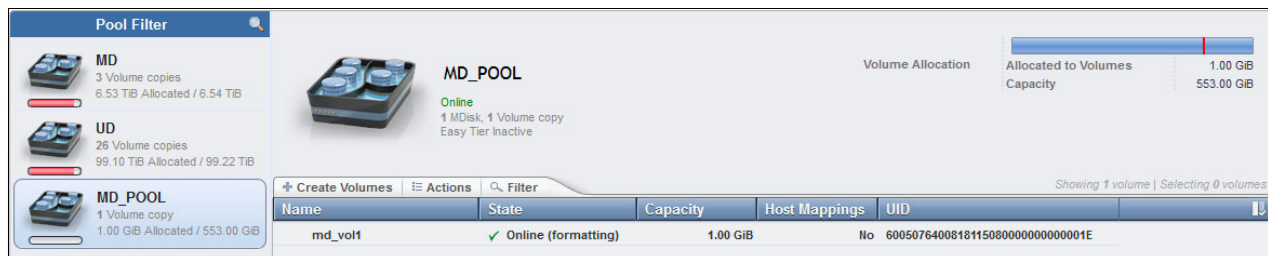


Figure 9-7 Listing volumes