

INTERLAB

Tel: +331 3971 7337 – Fax: +331 3928 9008

ISSUE: Exclude disks from MetaSan

Concerned platforms:
any Windows & Linux

Vernouillet, 27.09.2010

Issue : You wish to remove some devices from METASAN administration to keep them totally out of the MetaSan administration. (same as system drive)

Attention; *To avoid data corruptions, removed drives needs to be granted to only one host.*

You can configure metaSAN to ignore specific disks, but not volumes. This is why it is very important to make metaSAN ignore all disks constituting a volume. Otherwise, if there's a volume on two or more disks one of which is ignored by metaSAN, but the others are not, this may lead to unpredictable results. You should also keep in mind that once you make a disk to be ignored by metaSAN you will not be able to add its volumes to a SAN definition.

The steps you should take to make metaSAN ignore a specific volume go in the following order:

- Get the signature of the disk you want to exclude.
- Configure metaSAN to ignore the disk.
- Check if the new settings are applied.

To get the signature of the disk you want to exclude:

1. Start Command Prompt.
2. Type this followed by Return

```
msanutil /dt
```

You will get output similar to the one below:

```
Version 2.0.5.2029
Disk Table:
Device name:      \Device\Harddisk0\Partition0
Vendor ID:        TOSHIBA MK6022GAXHB00
HBA Device description: Primary IDE Channel
HBA Manufacturer: (Standard IDE ATA/ATAPI controllers)
Signature:        0xCEFFCEFF
Status:           2
Flags:            0x0
LDM DB start:    0x0
Size:            60011642880
```

INTERLAB

Tel:+331 3971 7337 – Fax: +331 3928 9008

```
SectorSize:          512
Disk Type:           7
SCSI Address Length: 8
SCSI Address LUN:    0
SCSI Address Path ID: 0
SCSI Address Port Number:1
SCSI Address Target ID: 0
1 disk(s)
```

3. In the listing, find the signature value of the disk you want to exclude from metaSAN management and copy it.

Note: Copy the part of the signature after the "0x" - in the above example, this is "**CEFFCEFF**".

To make the disk super-private with metaSAN utility:

1. In command prompt, type this followed by return:

```
msanutil /ds disk_signature 1
```

For example:

```
msanutil /ds CEFFCEFF 1
```

You can see the instructions about `msanutil /ds` usage by simply typing `msanutil` in Command Prompt

2. If the setting is not detected immediately by metaSAN, you may need to reboot the computer.

To check if the settings are applied:

1. After rebooting the machine, open the metaSAN window and check if the volumes on the excluded disk are listed on the Volumes tab.
 - o They should not be listed.
2. Check if the volumes are mounted and accessible in Windows Explorer.

Thank you Georgi

Pls. send us your feel back.

Rev.0 – David 28.09.2010