

RE: GetPartInfo BootIndicator on recently activated partition

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v-raygon@online.microsoft.com (Rhett Gong [MSFT]) wrote in
news:RpvPIesfEHA.3356@cpmsftngxa06.phx.gbl:

- > *Hi V.V.*
- > *After the system is booted up, the PARTITION_INFORMATION is stored in*
- > *the system cache. By calling*
- > *DeviceIoControl(IOCTL_DISK_GET_PARTITION_INFO) you just send an irp to*
- > *the driver, and driver returns the partition information in the cache.*
- > *Setting the drive to active in mng tool does not change*
- > *PARTITION_INFORMATION in the cache, it only marks the drive as active.*
- > *The new PARTITION_INFORMATION will not take effect before the you*
- > *reboot you system.*
- >

I suspected something like this... Not very efficient or consistent, but anyway, we have to deal with Windows as it is. Yet if this could be changed in a future release or service pack, or even documented...

Anyway...

How dos Disk Management snap-in does to get the "IsPartitionActivated" parameter ?

If I activate a partition in Disk Management snap-in, closes Disk Management snap-in, and then open it again, it sees that the partition is activated...

One way to do it is to read MBR or GPT off the device and to interpret the related data by myself, but, well, I thought that DeviceIoControl(IOCTL_DISK_GET_PARTITION_INFO) could be more efficient and get ACTUAL parameters, not CACHED parameters that are indeed notreflecting the actual ones.

If anyone has any lead...

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Thanks in advance

V.V.