

Parameters used in a vmdk

How to change the adapter-type of an existing vmdk ?

A vmdk can be connected to different controllers

- IDE
- Bus-logic-controller
- LSI-logic-controller
- LSI-logic SAS-controller
- new paravirtualised SCSI-controller

In the vmdk-description this is assigned in the parameter

`ddb.adapterType =`

The vmdk description only understands three values : "ide" , "buslogic" , "lsilogic"

For all the newer controllers like the LSI-SAS use "lsilogic".

If you need to change the adapter-type of a disk that is used to boot a guest it is recommended to also [change the disk-geometry](#).

If the disk is only used for data adjusting the geometry may not be necessary.

Keep in mind that the adapter-type for a VM is also configured in the vmx-file.

So if you rewrite a IDE-disk to a SCSI-disk do not forget to also change / check the vmx-file

`ide0:0.filename = "ide-disk.vmdk"`

to

`scsi0.present = "true"`

`scsi0.virtualDev = "lsilogic"`

`scsi0:0.present = "true"`

`scsi0:0.filename = "changed-disk.vmdk"`

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