

ESXi und Datastore auf einem USB-Stick

(hier gibts das original:

<http://wladimir-tm4pda.blogspot.com/2016/01/vmware-create-vmfs-datastore-on-same.html>)

USB-Stick identifizieren (fängt mit mpx.vmhba32: ... oder mit naa.XXXXX an)

```
[root@localhost:~] esxcli storage core device list
```

```
<font 11px/inherit;;inherit;;inherit>naa.2020030102060804
```

```
Display Name: Local USB Direct-Access (naa.2020030102060804)
```

```
Has Settable Display Name: false
```

```
Size: 30992
```

```
Device Type: Direct-Access
```

```
Multipath Plugin: NMP
```

```
Devfs Path: /vmfs/devices/disks/naa.2020030102060804
```

```
Vendor: Intenso
```

```
Model: Intenso Premium
```

```
Revision: 1100
```

```
SCSI Level: 2
```

```
Is Pseudo: false
```

```
Status: on
```

```
Is RDM Capable: false
```

```
Is Local: true
```

```
Is Removable: true
```

```
Is SSD: false
```

```
Is VVOL PE: false
```

```
Is Offline: false
```

```
Is Perennially Reserved: false
```

```
Queue Full Sample Size: 0
```

```
Queue Full Threshold: 0
```

```
Thin Provisioning Status: unknown
```

```
Attached Filters:
```

```
VAAI Status: unsupported
```

```
Other UUIDs: vml.0100000000313231353030303030303032303632333496e74656e73
```

```
Is Shared Clusterwide: false
```

```
Is SAS: false
```

```
Is USB: true
```

```
Is Boot Device: true
```

```
Device Max Queue Depth: 1
```

```
No of outstanding IOs with competing worlds: 1
```

```
Drive Type: unknown
```

```
RAID Level: unknown
```

```
Number of Physical Drives: unknown
```

```
Protection Enabled: false
```

```
PI Activated: false
```

```
PI Type: 0
```

```
PI Protection Mask: NO PROTECTION
```

```
Supported Guard Types: NO GUARD SUPPORT
```

```
DIX Enabled: false
```



```

vml.010000000031323135303030303030303230363233496e74656e73:6 →
naa.2020030102060804:6
lrwxrwxrwx 1 root root 22 Sep 26 11:38
vml.010000000031323135303030303030303230363233496e74656e73:7 →
naa.2020030102060804:7
lrwxrwxrwx 1 root root 22 Sep 26 11:38
vml.010000000031323135303030303030303230363233496e74656e73:8 →
naa.2020030102060804:8
lrwxrwxrwx 1 root root 22 Sep 26 11:38
vml.010000000031323135303030303030303230363233496e74656e73:9 →
naa.2020030102060804:9
lrwxrwxrwx 1 root root 72 Sep 26 11:38
vml.0100000000533144424e53414441353939373644202020202053616d73756e →
t10.ATA_Samsung_SSD_840_EVO_250GB_S1DBNSADA59976D_
lrwxrwxrwx 1 root root 74 Sep 26 11:38
vml.0100000000533144424e53414441353939373644202020202053616d73756e:1 →
t10.ATA_Samsung_SSD_840_EVO_250GB_S1DBNSADA59976D_:1
[root@ESXi:~]

```

```

[root@ESXi:~] partedUtil getptbl „/vmfs/devices/disks/naa.2020030102060804“
gpt
3950 255 63 <font inherit/inherit;;#c0392b;;inherit>63472128</font>
1 64 8191 C12A7328F81F11D2BA4B00A0C93EC93B systemPartition 128
5 8224 520191 EBD0A0A2B9E5443387C068B6B72699C7 linuxNative 0
6 520224 1032191 EBD0A0A2B9E5443387C068B6B72699C7 linuxNative 0
7 1032224 1257471 9D27538040AD11DBBF97000C2911D1B8 vmkDiagnostic 0
8 1257504 1843199 EBD0A0A2B9E5443387C068B6B72699C7 linuxNative 0
9 1843200 <font
inherit/inherit;;#1abc9c;;inherit>7086079</font>9D27538040AD11DBBF97000C2911D1B8
vmkDiagnostic 0
[root@ESXi:~]

```

Die Größe des Sticks merken 63472128 und 2048 davon abziehen = 63470080

Letzten Block von Partion 9 (7086079 + 1 = 7086080) als startblock für die Partition 10 nehmen
 UUID (AA31E02A400F11DB9590000C2911D1B8) ??? keine Ahnung hab ich so aus dem Netz übernommen.

```

[root@ESXi:~] partedUtil setptbl „/vmfs/devices/disks/naa.2020030102060804“ gpt „1 64 8191
C12A7328F81F11D2BA4B00A0C93EC93B 128“ „5 8224 520191
EBD0A0A2B9E5443387C068B6B72699C7 0“ „6 520224 1032191
EBD0A0A2B9E5443387C068B6B72699C7 0“ „7 1032224 1257471
9D27538040AD11DBBF97000C2911D1B8 0“ „8 1257504 1843199
EBD0A0A2B9E5443387C068B6B72699C7 0“ „9 1843200 7086079
9D27538040AD11DBBF97000C2911D1B8 0“ „10 <font
inherit/inherit;;#2980b9;;inherit>7086080</font><font
inherit/inherit;;#9b59b6;;inherit>63470080</font>AA31E02A400F11DB9590000C2911D1B8 0“
[root@ESXi:~]

```

Dann mit vmkfstools einen neuen Datastore anlegen

Die :10 am Ende der Zeile ist wichtig, da damit die Partition 10 angegeben wird (die gerade neu angelegt wurde)

```
<font inherit/inherit;;inherit;inherit>root@localhost:~] vmkfstools -C vmfs5 -b 1m -S NewDatastore /vmfs/devices/disks/naa.2020030102060804:10</font>
```

Permanent link:

<https://wiki.richter-ch.de/doku.php/wiki:computer:esxi:usbdatastore>

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