

## FreeNAS - Bug #6176

### USB device not listed in install FreeNAS menu

09/24/2014 09:26 AM - Mykolas Norvaisas

<b>Status:</b> Closed: Third party to resolve	
<b>Priority:</b> No priority	
<b>Assignee:</b> Mykolas Norvaisas	
<b>Category:</b> OS	
<b>Target version:</b> N/A	
<b>Seen in:</b> 9.3-M4	<b>Needs Merging:</b> Yes
<b>Severity:</b> New	<b>Needs Automation:</b> No
<b>Reason for Closing:</b>	<b>Support Suite Ticket:</b> n/a
<b>Reason for Blocked:</b>	<b>Hardware Configuration:</b>
<b>Needs QA:</b> Yes	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b> Yes	
<b>Description</b> Booted from CD to upgrade to latest 9.3 M4 nightly. When selecting installation USB device (da0) is not listed. I see only my two ZFS data disks (ada0 and ada1). My usb key da0 is not there. As a workaround I can plug one more USB key (da1) and reenter install menu once more. Now there are three choices to install to ada1, ada2 and da0. If I select da0 further upgrade process forks fine.	

#### History

##### #1 - 09/24/2014 10:04 AM - William Grzybowski

What was the latest release the USB flash drive worked? Is it plugged in a USB3 port? Did you try changing ports?

##### #2 - 09/24/2014 11:57 AM - Mykolas Norvaisas

- File 1- boot with 1 usb.jpg added
- File 2- inserting second usb.jpg added
- File 3- reentering install menu.jpg added

Previously fresh installed 9.3 M3 issue was the same. computer and usb sticks are USB2. Added screenshot series to describe issue. Changing port does not help. Inserting usb show menu with usb count-1 . So if I insert or boot with 4 usb drives. Install menu will show 3

##### #3 - 09/25/2014 02:46 AM - Jordan Hubbard

- Assignee set to Sean Fagan

##### #4 - 09/26/2014 02:00 PM - Sean Fagan

- Status changed from Unscreened to 15
- Assignee changed from Sean Fagan to Mykolas Norvaisas

The installer only sees disks that the kernel sees; it doesn't weed anything out other than cdroms.

At the installer menu, select Shell, and then do a couple of things:

```
sysctl kern.disks
```

Do you see da0 there?

```
dmesg | grep da0
```

should also show information.

#### #5 - 10/01/2014 01:48 PM - Mykolas Norvaisas

- File *dmesg.log* added

- File *disk.info.log* added

Tried CD install with latest image FreeNAS-9.3-M4-451a894-x64 on Dell E6430 laptop with two sata disks and 1 usb flash  
Same situation. Booted from Freenas install CD. Install menu does not show USB flash. See attached dmesg and diskinfo logs

```
sysctl kern.disks
kern.disks: da0 cd0 adal ada0
```

```
dmesg | grep da
FreeBSD is a registered trademark of The FreeBSD Foundation.
Standard Extended Features=0x281<GSFSBASE,SMEP,ENHMOVSE>
acpi_acad0: <AC Adapter> on acpi0
ada0 at ahcich0 bus 0 scbus0 target 0 lun 0
ada0: <WDC WD3200BEKT-75PVMT1 01.01A01> ATA-8 SATA 2.x device
ada0: Serial Number WD-WX31A43N6615
ada0: 300.000MB/s transfers (SATA 2.x, UDMA6, PIO 8192bytes)
ada0: Command Queueing enabled
ada0: 305245MB (625142448 512 byte sectors: 16H 63S/T 16383C)
ada0: Previously was known as ad4
adal at ahcich1 bus 0 scbus1 target 0 lun 0
adal: <OCZ-VERTEX4 1.5> ATA-9 SATA 3.x device
adal: Serial Number OCZ-387K4DEH873302TV
adal: 600.000MB/s transfers (SATA 3.x, UDMA6, PIO 8192bytes)
adal: Command Queueing enabled
adal: 244198MB (500118192 512 byte sectors: 16H 63S/T 16383C)
adal: quirks=0x1<4K>
adal: Previously was known as ad6
da0 at umass-sim1 bus 1 scbus6 target 0 lun 0
da0: <SanDisk Cruzer Blade 1.26> Removable Direct Access SCSI-5 device
da0: Serial Number 4C532000060306108541
da0: 40.000MB/s transfers
da0: 7633MB (15633408 512 byte sectors: 255H 63S/T 973C)
da0: quirks=0x2<NO_6_BYTE>
cdce0: <Dell Wireless 5540 HSPA Mini-Card Network Adapter> on usb1
md0 attached to /data/base.ufs.uzip
```

**#6 - 10/02/2014 11:55 AM - Jordan Hubbard**

- Target version changed from 9.3-M4 to 9.3-BETA

**#7 - 10/12/2014 04:37 PM - Jordan Hubbard**

- Status changed from 15 to Closed: Third party to resolve

FreeBSD 9.3 evidently does not see this device. We're not likely to have a solution for FreeNAS 9.3 and will have to wait for a fix to come from upstream.

**#8 - 03/22/2015 08:50 PM - S Nochkin**

This is actually by design. I mean the menu, not detecting the drive.

The "da0" is actually in the list and detected properly. Scroll down by pressing "arrow down" button to see your "da0" in the list.

The original menu shows "66%". That means you see 66% of the lines (drives) only. The "+" sign also gives you a hint that the menu is not completely shown in the screen.

**#9 - 12/09/2017 10:33 AM - Dru Lavigne**

- File deleted (*dmesg.log*)

**#10 - 12/09/2017 10:33 AM - Dru Lavigne**

- File deleted (*disk.info.log*)

**#11 - 12/09/2017 10:34 AM - Dru Lavigne**

- Target version changed from 9.3-BETA to N/A

**Files**

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1- boot with 1 usb.jpg	78.1 KB	09/24/2014	Mykolas Norvaisas
2- inserting second usb.jpg	137 KB	09/24/2014	Mykolas Norvaisas
3- reentering install menu.jpg	83.3 KB	09/24/2014	Mykolas Norvaisas