

FreeNAS - Bug #79023

Change install examples to not refer to USB devices

03/05/2019 03:02 PM - Stephen Makk

Status: Closed	
Priority: No priority	
Assignee: Aaron St. John	
Category: Documentation	
Target version: 11.2-U4	
Seen in: 11.2-U2.1	Needs Merging: Yes
Severity: New	Needs Automation: No
Reason for Closing:	Support Suite Ticket: n/a
Reason for Blocked:	Hardware Configuration:
Needs QA: Yes	ChangeLog Required: No
Needs Doc: Yes	
Description Multiple problems making updates very difficult, and reboots impossible. System runs OK once booted. Trouble seems to be with running OS from USB sticks, but this has worked for years on these systems with earlier revisions.	

History

#1 - 03/05/2019 03:09 PM - Stephen Makk

- File debug-freenas-20190305230910.tgz added

- Private changed from No to Yes

#2 - 03/05/2019 03:25 PM - Dru Lavigne

- Status changed from Unscreened to Blocked

- Reason for Blocked set to Need additional information from Author

Stephen: those symptoms are often caused by a failing boot device and this message from the logs almost always indicates that is the case: sqlite3.OperationalError: database is locked

I see this is a fresh install. What exact model of device are you using for the boot media and what type of slot or port is it plugged into?

#3 - 03/05/2019 03:42 PM - Stephen Makk

This is a fresh install because previous attempt to update online failed. Using mirrored 32 GB USB flash drives. One installed in internal USB jack and one at rear jack. These are brand new Verbatim "Store N Go" metal flash drives. Product number 98749. Drives were scanned completely on a Windows machine and verified to be legit. I have used similar USB sticks for over a year on earlier versions of FreeNAS OK. I have tried various other USB sticks, but result is same. The ones that were in the machine for previous version were same type and tested OK after replacement. I used new ones, just to be sure.

#4 - 03/08/2019 11:29 AM - Stephen Makk

I tried reinstalling with various different types of UBS sticks with no better results. I then tried installing two mSATA SSDs mounted to a PCI-e card in the same server. A clean install from DVD went smoothly and the existing ZFS pool on an 8 drive RAID was detected and preserved. All settings were retained and system boots rapidly and cleanly. It appears the issue is with using USB drives for OS in general and seems worse when trying to mirror these drives. I had less trouble with a single drive. Note that these have worked well for many years on same hardware, up to about a year ago. I suggest that FreeNAS stop claiming to support OS on USB flash except for installation. I am using enterprise-grade off the shelf server and

good quality USB sticks. I consider this issue closed for my purposes, but hope the information is useful for product improvement.

#5 - 03/08/2019 11:49 AM - Dru Lavigne

- File deleted (*debug-freenas-20190305230910.txz*)

#6 - 03/08/2019 11:50 AM - Dru Lavigne

- Status changed from *Blocked* to *Closed*
- Target version changed from *Backlog* to *N/A*
- Private changed from *Yes* to *No*
- Reason for *Blocked* deleted (*Need additional information from Author*)

Thanks, Stephen.

#7 - 03/10/2019 07:07 PM - Dru Lavigne

- Subject changed from *Slow updates, slow boots, loses IP address when rebooted, multiple boot-time errors. Unable to perform online updates. to Change install examples to not refer to USB devices*
- Category changed from *OS* to *Documentation*
- Status changed from *Closed* to *Unscreened*
- Assignee changed from *Release Council* to *Warren Block*

#9 - 03/14/2019 11:46 AM - Dru Lavigne

- Target version changed from *N/A* to *11.2-U4*

#10 - 03/15/2019 06:03 AM - Warren Block

- Assignee changed from *Warren Block* to *Aaron St. John*

#12 - 04/08/2019 08:05 AM - Jaron Parsons

- Status changed from *Unscreened* to *Closed*