

FreeNAS - Bug #32169

Don't advertise unsupported UPS types

04/15/2018 09:30 PM - Benno Rice

Status:	Done	
Priority:	No priority	
Assignee:	Benno Rice	
Category:	OS	
Target version:	11.2-BETA1	
Seen in:	11.2-BETA1	Needs Merging: No
Severity:	Low	Needs Automation: No
Reason for Closing:		Support Suite Ticket: n/a
Reason for Blocked:		Hardware Configuration:
Needs QA:	No	ChangeLog Required: No
Needs Doc:	No	

Description

There are a bunch of UPSes that NUT supports using its netxml-ups driver. I have no idea whether these are still on the market and how widely used they are.

Our UPS configuration page provides a large list of UPS models and the drivers they use. The UPSes supported by netxml-ups are present in this list. What isn't present on FreeNAS is the actual netxml-ups driver.

We should either install this or remove the UPS models it supports from the driver list.

History

#1 - 04/16/2018 04:12 AM - Dru Lavigne

- Assignee changed from Release Council to Alexander Motin
- Target version set to 11.2-RC2

#2 - 04/16/2018 07:27 AM - Alexander Motin

- Assignee changed from Alexander Motin to Benno Rice

Digging through the commit history I found that NEON was disabled from the day of NUT addition by William 7 years ago. My main guess why it could be excluded is a very limited space on a boot device of those times, while NEON is an external library. Any other ideas, William? Now the space question is not so strict, so I would say that staying close with FreeBSD port defaults could be a bigger benefit, unless this hardware is completely dead now. Google for it please. On the other side, if this code allows easy UPS support testing, QA could be interested even if there is no real hardware.

#3 - 04/16/2018 07:30 AM - William Grzybowski

NEON was disabled because it was bringing a whole lot of dependencies.

Even though we have more space I prefer to stay as small as possible unless there is a real a reason add things.

We have this for many years and nobody has ever asked for this so that must mean something.

#4 - 04/16/2018 07:33 AM - Alexander Motin

That is true. Lets at least look what it would cost us. Benno hit it looking for a way to test UPS code, so I suppose, so it may be counted as case of "asked". :) Though there can be other alternatives for testing.

#5 - 04/16/2018 07:34 AM - William Grzybowski

Historically I have used dummy-ups driver for testing.

#6 - 04/16/2018 07:47 AM - Nick Wolff

- Severity set to Low

#7 - 04/16/2018 09:12 AM - Benno Rice

I honestly don't mind which way this goes. It's not so much about our ability to test as it is preventing future user confusion when someone tries to use that driver and it doesn't work.

#8 - 04/16/2018 10:08 AM - Benno Rice

Candidate fix that filters the UPS dropdown based on which UPS drivers are actually present:

<https://github.com/freenas/freenas/tree/bjr-upsblacklist>

#9 - 04/19/2018 10:17 AM - Benno Rice

- Status changed from Unscreened to In Progress

<https://github.com/freenas/freenas/pull/1133>

#10 - 04/19/2018 10:19 AM - Benno Rice

- Status changed from In Progress to Ready for Testing

#11 - 04/19/2018 12:24 PM - Dru Lavigne

- Subject changed from UPS service offers support for netxml-ups driver which isn't present to Don't advertise unsupported UPS types

- Target version changed from 11.2-RC2 to 11.2-BETA1

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

#12 - 06/21/2018 12:27 PM - Nick Wolff

- Status changed from Ready for Testing to Passed Testing

Verified that mentioned UPSes no longer appear in ups service config

#13 - 06/21/2018 12:28 PM - Dru Lavigne

- Status changed from Passed Testing to Done

- Needs QA changed from Yes to No