

## FreeNAS - Feature #24604

### Add support for HBA 9400-8i (P2 driver)

06/18/2017 12:45 PM - Bogus Sobczak

<b>Status:</b> Resolved	<b>Estimated time:</b> 0.00 hour
<b>Priority:</b> Important	
<b>Assignee:</b> Alexander Motin	
<b>Category:</b> OS	
<b>Target version:</b> 11.1-BETA1	
<b>Severity:</b> New	<b>Needs Merging:</b> Yes
<b>Reason for Closing:</b>	<b>Needs Automation:</b> No
<b>Reason for Blocked:</b>	<b>Support Suite Ticket:</b> n/a
<b>Needs QA:</b> No	<b>Hardware Configuration:</b> For simple test: Motherboard: Asus Maximus Formula VII, Storage controller: HBA 9400-8i. HDD: 3x (2 TB)
<b>Needs Doc:</b> Yes	

#### Description

Dears,  
I am completely newbie with FreeNAS. For test new hardware HBA 9400-8i, I have installed FreeNAS 11. I think, the new controller should be recognized with ease and install driver but without success.  
Maybe I have to do something more than I know.

<https://www.broadcom.com/products/storage/host-bus-adapters/sas-nvme-9400-8i#downloads>

When motherboard starts with the controller I can see recognized 3x HDD connected to the controller HBA 9400-8i.

Please, let me know how to fix it.  
Thanks

#### Associated revisions

##### Revision 9de00136 - 10/13/2017 12:02 PM - Dru Lavigne

Mention updated drivers.  
Ticket: #24604  
Ticket: #24820  
Ticket: #25709

#### History

##### #1 - 06/18/2017 12:53 PM - Alexander Motin

- Tracker changed from Bug to Feature
- Status changed from Unscreened to Resolved
- Priority changed from No priority to Important
- Target version set to 11.1

Support for tri-mode LSI adapters was just recently added to FreeBSD. That code will be part of further FreeNAS 11.1, and is already present in recent nightly development builds, which you may try, if you wish.

##### #2 - 06/19/2017 01:49 AM - Bogus Sobczak

I tired update to last nightly build (FreeNAS-11-MASTER-201706150433 (080e833)), but still there aren't new controller or disks.

Second test, fresh install from the last nightly build, and it is the same, without recognized LSI adapter.

**The problem still exist.**

Is it possible update driver, or configure the system to use 9400-8i in FreeNAS 11.0?

**#3 - 06/20/2017 08:01 AM - Bogus Sobczak**

New nightly build FreeNAS-11-MASTER-201706200459 (a885982), and HBA 9400-8i is available.

**#4 - 06/20/2017 09:04 AM - Alexander Motin**

"Available" I understand as "working". OK, Great!

**#5 - 07/18/2017 05:17 AM - Bogus Sobczak**

Yes, you are correct. It worked for that test.

**#6 - 09/09/2017 11:11 AM - Dru Lavigne**

- *Subject changed from FreeNAS does not see HBA 9400-8i to Add support for HBA 9400-8i*

**#7 - 09/26/2017 02:38 PM - Dru Lavigne**

- *Target version changed from 11.1 to 11.1-BETA1*

**#8 - 09/28/2017 12:38 AM - Bogus Sobczak**

There is newer firmware and driver - phase 3.

[\[\[https://www.broadcom.com/products/storage/host-bus-adapters/sas-nvme-9400-8i#downloads\]\]](https://www.broadcom.com/products/storage/host-bus-adapters/sas-nvme-9400-8i#downloads)

Does 11.1 beta1 include the update?

**#9 - 09/28/2017 02:41 AM - Alexander Motin**

No. 11.1-BETA1 includes the latest driver version present in base FreeBSD, which is P2 -- "15.03.00.00-fbsd". I hope Broadcom committer will handle that themselves at some point.

**#10 - 09/28/2017 03:30 AM - Dru Lavigne**

- *Subject changed from Add support for HBA 9400-8i to Add support for HBA 9400-8i (P2 driver)*

**#11 - 10/30/2017 12:04 PM - Bonnie Follweiler**

- *Needs QA changed from Yes to No*

**#12 - 10/30/2017 12:05 PM - Bonnie Follweiler**

- *QA Status deleted (Not Tested)*