

FreeNAS - Bug #28210

Run boot.attach as a job

02/05/2018 10:52 PM - Vladimir Vinogradenko

Status: Done	
Priority: Critical	
Assignee: Vaibhav Chauhan	
Category: GUI (new)	
Target version: 11.1-U2	
Seen in: 11.1-U1	Needs Merging: No
Severity:	Needs Automation: No
Reason for Closing:	Support Suite Ticket: n/a
Reason for Blocked:	Hardware Configuration:
Needs QA: Yes	ChangeLog Required: No
Needs Doc: No	
Description	
`boot.attach_pool` was turned into a job as it is a long-running task. New Web UI code needs to be updated accordingly.	
Related issues:	
Related to FreeNAS - Bug #27834: Fix the attachment of boot mirror devices	Done 01/16/2018 02/12/2018
Related to FreeNAS - Bug #28240: Install FreeBSD GPT zfs loader instead of grub	Done

History

#1 - 02/05/2018 10:53 PM - Vladimir Vinogradenko

- Related to Bug #27834: Fix the attachment of boot mirror devices added

#2 - 02/06/2018 04:11 AM - Dru Lavigne

- Target version changed from 11.1-U2 to 11.2-BETA1

#3 - 02/06/2018 04:18 AM - Vladimir Vinogradenko

- Target version changed from 11.2-BETA1 to 11.1-U2

Dru, no, it's middleware part is already merged to the stable branch and it's a tiny fix, so we should get it ready by 11.1-U2

#4 - 02/06/2018 11:13 AM - Erin Clark

- Category set to GUI (new)

- Assignee changed from Erin Clark to Vaibhav Chauhan

#5 - 02/06/2018 03:28 PM - Vaibhav Chauhan

- Assignee changed from Vaibhav Chauhan to Vladimir Vinogradenko

so according to william, the changes for converting boot.attach to job is not merged in the master yet, can you please confirm.

also, when I was trying to use `boot.attach` to attach a 2nd drive to the boot pool I was presented with the following message,

Traceback (most recent call last):

```
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 150, in call_method
    result = await self.middleware.call_method(self, message)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 109, in __next__
```

```
    return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 904, in call_method
    return await self._call(message['method'], serviceobj, methodobj, params, app=app)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 109, in __next__
    return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 872, in _call
    return await methodobj(*args)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 109, in __next__
    return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/schema.py", line 502, in nf
    return await f(*args, **kwargs)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 109, in __next__
    return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/boot.py", line 138, in attach
    await self.install_grub(boottype, dev)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 109, in __next__
    return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/boot.py", line 96, in install_grub
    await run(*args, check=False)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 109, in __next__
    return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/utils.py", line 61, in run
    proc = await asyncio.create_subprocess_exec(*args, **kwargs)
File "/usr/local/lib/python3.6/asyncio/subprocess.py", line 225, in create_subprocess_exec
    stderr=stderr, **kwds)
File "/usr/local/lib/python3.6/asyncio/base_events.py", line 1191, in subprocess_exec
    bufsize, **kwargs)
File "/usr/local/lib/python3.6/asyncio/unix_events.py", line 191, in _make_subprocess_transport
    **kwargs)
File "/usr/local/lib/python3.6/asyncio/base_subprocess.py", line 39, in __init__
    stderr=stderr, bufsize=bufsize, **kwargs)
File "/usr/local/lib/python3.6/asyncio/unix_events.py", line 697, in _start
    universal_newlines=False, bufsize=bufsize, **kwargs)
File "/usr/local/lib/python3.6/subprocess.py", line 709, in __init__
    restore_signals, start_new_session)
File "/usr/local/lib/python3.6/subprocess.py", line 1344, in _execute_child
    raise child_exception_type(errno_num, err_msg, err_filename)
FileNotFoundError: [Errno 2] No such file or directory: '/usr/local/sbin/grub-install': '/usr/local/sbin/grub-
install'
```

I have been told it's a legitimate bug please, confirm.

#6 - 02/07/2018 04:08 AM - William Grzybowski

- Subject changed from *boot.attach_pool is a job now to boot.attach is a job now*
- Assignee changed from *Vladimir Vinogradenko to Vaibhav Chauhan*

I have merged it this morning.

As far the traceback, I already told you its another bug that deserves a new ticket. I dont understand what else is there to confirm?

Thank you

#7 - 02/07/2018 04:18 AM - William Grzybowski

- Related to Bug #28240: *Install FreeBSD GPT zfs loader instead of grub added*

#8 - 02/07/2018 06:39 AM - Dru Lavigne

- Target version changed from *11.1-U2 to 11.2-BETA1*

#9 - 02/08/2018 11:26 AM - Vaibhav Chauhan

- File Screen Shot 2018-02-08 at 11.22.57 AM.png added
- Status changed from *Not Started to In Progress*
- Assignee changed from *Vaibhav Chauhan to William Grzybowski*

I was testing my change which was my adding a drive to the boot pool and making a mirror, and then removing the old drive from the boot pool making it a freenas-boot a stripe configuration. when I rebooted the VM I was shown the following message, on the console.

#10 - 02/08/2018 11:27 AM - William Grzybowski

- Assignee changed from *William Grzybowski to Vaibhav Chauhan*

It seems to me that you did not wait for the freenas-boot resilver to complete. Try waiting a few more before rebooting (check zpool status freenas-boot)

#11 - 02/08/2018 12:43 PM - Vaibhav Chauhan

- Assignee changed from *Vaibhav Chauhan to Erin Clark*

please review <https://github.com/freenas/webui/pull/376>

#12 - 02/08/2018 12:49 PM - William Grzybowski

- Target version changed from *11.2-BETA1 to 11.1-U2*

This absolutely needs to go to U2 because the middlewared code was already merged.

#13 - 02/08/2018 03:42 PM - Erin Clark

- Status changed from *In Progress to Done*
- Assignee changed from *Erin Clark to Vaibhav Chauhan*

#14 - 02/08/2018 03:54 PM - Dru Lavigne

- Status changed from *Done to In Progress*

VB: this one will also need a PR for stable.

#15 - 02/08/2018 04:18 PM - Vaibhav Chauhan

- Status changed from *In Progress* to *Done*

following changes were cherry-picked to webui:freenas/11.1-stable

34584ec147e3dcfe3173f53dd4d7af452a8dac59
84e6ce0f23349df765a2348dec4225e90b63273e
efc7a455f0790b36c033e34c17097b57dad5672a

#16 - 02/08/2018 04:21 PM - Dru Lavigne

- Subject changed from *boot.attach is a job now* to *boot.attach now runs as a job*

- Needs Doc changed from *Yes* to *No*

- Needs Merging changed from *Yes* to *No*

#17 - 02/16/2018 07:14 AM - Dru Lavigne

- Subject changed from *boot.attach now runs as a job* to *Run boot.attach as a job*

Files

Screen Shot 2018-02-08 at 11.22.57 AM.png	79.7 KB	02/08/2018	Vaibhav Chauhan
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