

## FreeNAS - Bug #43000

### Fix migration error that prevented upgrade from 11.1-U6 to 11.2-BETA2

08/26/2018 10:07 AM - Ned Devine

<b>Status:</b>	Done	
<b>Priority:</b>	No priority	
<b>Assignee:</b>	William Grzybowski	
<b>Category:</b>	Middleware	
<b>Target version:</b>	11.2-BETA3	
<b>Seen in:</b>	11.2-BETA2	<b>Needs Merging:</b> No
<b>Severity:</b>	Med High	<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>	No	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b>	No	

#### Description

After upgrading from 11.1-U6 to 11.2-BETA2, there is no longer a functional login screen.

Accessing the web UI shows a "Connecting to NAS" screen forever, and the browser console shows that it is trying and failing to open a WebSocket (502 Bad Gateway).

Accessing the old UI shows a python exception:

Traceback

```
Environment: Software Version: FreeNAS-11.2-BETA2 (f14b2ed0e) Request Method: GET Request URL: http://192.168.1.xxx/legacy/
```

```
Traceback: File "/usr/local/lib/python3.6/site-packages/django/core/handlers/exception.py" in inner 42.
response = get_response(request) File "/usr/local/lib/python3.6/site-packages/django/core/handlers/base.py" in _legacy_get_response 249.
response = self._get_response(request) File "/usr/local/lib/python3.6/site-packages/django/core/handlers/base.py" in _get_response 178.
response = middleware_method(request, callback, callback_args, callback_kwargs) File "./freenasUI/freeadmin/middleware.py" in process_view 163.
return login_required(view_func)(request, *view_args, **view_kwargs) File "/usr/local/lib/python3.6/site-packages/django/contrib/auth/decorators.py" in _wrapped_view 23.
return view_func(request, *args, **kwargs) File "/usr/local/lib/python3.6/site-packages/django/views/decorators/cache.py" in _wrapped_view_func 57.
response = view_func(request, *args, **kwargs) File "./freenasUI/freeadmin/site.py" in adminInterface 236.
'menu_hook': appPool.get_top_menu(request), File "./freenasUI/freeadmin/apppool.py" in get_top_menu 45.
arr = self._get_array("top_menu", None, request) File "./freenasUI/freeadmin/apppool.py" in _get_array 35.
method(arr, func(*args, **kwargs)) File "./freenasUI/vcp/hook.py" in top_menu 38.
if vcp_enabled(): File "./freenasUI/vcp/utils.py" in vcp_enabled 33.
with client as c: File "./freenasUI/middleware/client.py" in __enter__ 20.
local.client = Client() File "/usr/local/lib/python3.6/site-packages/middleware/client/client.py" in __init__ 314.
raise e File "/usr/local/lib/python3.6/site-packages/middleware/client/client.py" in __init__ 307.
self._ws.connect() File "/usr/local/lib/python3.6/site-packages/middleware/client/client.py" in connect 169.
rv = super(WSCClient, self).connect() File "/usr/local/lib/python3.6/site-packages/ws4py/client/_i
```

```
nit__.py" in connect 208.  
self.sock.connect(self.bind_addr) Exception Type: FileNotFoundError at /legacy/ Exception Value: [Errno 2] No such file or directory
```

Request information  
GET

No GET data

POST

No POST data

FILES

No FILES data

COOKIES

Variable	Value
csrftoken	'*****'
sessionid	'XXX'

META

Variable	Value
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Request Method: GET

Request URL: http://192.168.1.xxx/legacy/

Software Version: FreeNAS-11.2-BETA2 (f14b2ed0e)

Exception Type: FileNotFoundError

Exception Value:  
[Errno 2] No such file or directory

Exception Location: /usr/local/lib/python3.6/site-packages/ws4py/client/\_\_init\_\_.py in connect, line 208

Server time: Sat, 25 Aug 2018 22:10:00 -0700

Have tried both Firefox and Chrome. I don't have any firewalls in place that would be blocking the WebSocket.

Apparently others have experienced this or a similar bug in 11.2-BETA1.

See: <https://forums.freenas.org/index.php?threads/11-2-beta-1-login-issues.68448/>

Thanks.

**Related issues:**

- Has duplicate FreeNAS - Bug #43028: After upgrade to 11.2-BETA2: no web login... **Closed**
- Has duplicate FreeNAS - Bug #44207: HP N40L - Fails to Upgrade to 11.2-Beta2 **Closed**
- Has duplicate FreeNAS - Bug #45160: upgraded from 11 to 11.2, UI will not loa... **Closed**

**History**

#1 - 08/26/2018 01:50 PM - Dru Lavigne

- Private changed from No to Yes
- Reason for Blocked set to Need additional information from Author

Ned: please attach a debug (System -> Advanced -> Save debug) to this ticket.

**#2 - 08/26/2018 02:01 PM - Ned Devine**

- File *debug-nas1-20180826145946.tgz* added

Dru Lavigne wrote:

Ned: please attach a debug (System -> Advanced -> Save debug) to this ticket.

Done.

**#3 - 08/26/2018 04:38 PM - Dru Lavigne**

- Category changed from *GUI (new)* to *Middleware*

- Assignee changed from *Release Council* to *William Grzybowski*

**#4 - 08/27/2018 06:08 AM - William Grzybowski**

- Status changed from *Unscreened* to *Blocked*

We are gonna need a debug from the running 11.2-BETA2.

Can you SSH in while its presenting the problem?

1. `ixdiagnose -d /root -s -F`

That should generate the debug file in /root

**#5 - 08/27/2018 10:46 AM - Ned Devine**

- File *ixdiagnose.tgz* added

William Grzybowski wrote:

We are gonna need a debug from the running 11.2-BETA2.

Here it is.

**#6 - 08/27/2018 10:56 AM - William Grzybowski**

Ned Devine wrote:

William Grzybowski wrote:

We are gonna need a debug from the running 11.2-BETA2.

Here it is.

There is some database migration issue. Do you have a /data/update.failed file? If so, can you attach us? Unfortunately debug does not have it.

**#7 - 08/27/2018 01:56 PM - William Grzybowski**

- Has duplicate Bug #43028: After upgrade to 11.2-BETA2: no web login possible added

**#8 - 08/27/2018 02:18 PM - William Grzybowski**

- File deleted (debug-nas1-20180826145946.tgz)

**#9 - 08/27/2018 02:18 PM - William Grzybowski**

- File deleted (ixdiagnose.tgz)

**#10 - 08/27/2018 02:19 PM - William Grzybowski**

- Private changed from Yes to No

**#11 - 08/27/2018 05:31 PM - Ned Devine**

- File update.failed added

William Grzybowski wrote:

Ned Devine wrote:

William Grzybowski wrote:

We are gonna need a debug from the running 11.2-BETA2.

Here it is.

There is some database migration issue. Do you have a /data/update.failed file? If so, can you attach us? Unfortunately debug does not have it.

Attached.

**#12 - 08/28/2018 05:20 AM - William Grzybowski**

Ned Devine wrote:

William Grzybowski wrote:

Ned Devine wrote:

William Grzybowski wrote:

We are gonna need a debug from the running 11.2-BETA2.

Here it is.

There is some database migration issue. Do you have a /data/update.failed file? If so, can you attach us? Unfortunately debug does not have it.

Attached.

Thanks for the file.

Database migration changes required for U6 made the upgrade impossible to BETA2. It should be OK to upgrade once BETA3 is released though.

[8d81af70c02c18](#)

**#13 - 08/28/2018 05:36 AM - Dru Lavigne**

- Target version changed from Backlog to 11.2-BETA3

**#14 - 08/28/2018 08:34 AM - William Grzybowski**

- Status changed from Blocked to Ready for Testing
- Severity changed from New to Med High
- Reason for Blocked deleted (Need additional information from Author)
- Needs Merging changed from Yes to No

**#15 - 08/28/2018 08:36 AM - Dru Lavigne**

- Subject changed from No login screen to Fix migration that prevented upgrade from 11.1-U6 to 11.2-BETA2
- Needs Doc changed from Yes to No

**#19 - 08/29/2018 08:55 AM - Bonnie Follweiler**

- Status changed from Ready for Testing to Passed Testing
- Needs QA changed from Yes to No

Passed Test in FreeNAS 11.2 Master 201808290900

**#20 - 08/29/2018 09:55 AM - Dru Lavigne**

- Subject changed from Fix migration that prevented upgrade from 11.1-U6 to 11.2-BETA2 to Fix migration error that prevented upgrade from 11.1-U6 to 11.2-BETA2
- Status changed from Passed Testing to Done

**#21 - 09/02/2018 05:09 AM - Dru Lavigne**

- Has duplicate Bug #44207: HP N40L - Fails to Upgrade to 11.2-Beta2 added

**#22 - 09/10/2018 07:13 AM - Dru Lavigne**

- Has duplicate Bug #45160: upgraded from 11 to 11.2, UI will not load on any browser ro machine added

**Files**

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freenas-bad-gateway.jpg	53.4 KB	08/26/2018	Ned Devine
freenas-connecting.png	290 KB	08/26/2018	Ned Devine
update.failed	1.2 KB	08/28/2018	Ned Devine