

## FreeNAS - Bug #76567

### Cannot change "enable atime"

02/22/2019 05:29 AM - Till Gerken

<b>Status:</b>	Closed		
<b>Priority:</b>	No priority		
<b>Assignee:</b>			
<b>Category:</b>	GUI (new)		
<b>Target version:</b>	11.2-U4		
<b>Seen in:</b>	11.2-U2	<b>Needs Merging:</b>	Yes
<b>Severity:</b>	New	<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>	Yes	<b>ChangeLog Required:</b>	No
<b>Needs Doc:</b>	Yes		

#### Description

Using the new UI on 11.2-U2, I cannot change the "enable atime" setting to OFF for the storage pool.

The UI returns the following error:

Error: Traceback (most recent call last):

```
File "/usr/local/lib/python3.6/site-packages/middleware/plugins/zfs.py", line 305, in do_update
dataset.properties[k] = prop
File "libzfs.pyx", line 374, in libzfs.ZFS.__exit__
File "/usr/local/lib/python3.6/site-packages/middleware/plugins/zfs.py", line 294, in do_update
prop.value = v['value']
File "libzfs.pyx", line 1069, in libzfs.ZFSProperty.value.__set__
libzfs.ZFSException: use 'none' to disable quota/refquota
```

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

```
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 165, in call_method
result = await self.middleware.call_method(self, message)
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 1141, in call_method
return await self._call(message['method'], serviceobj, methodobj, params, app=app, io_thread=False)
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 1081, in _call
return await methodobj(*args)
File "/usr/local/lib/python3.6/site-packages/middleware/service.py", line 289, in update
f'{self._config.namespace}.update', self, self.do_update, [id, data]
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 1081, in _call
return await methodobj(*args)
File "/usr/local/lib/python3.6/site-packages/middleware/schema.py", line 664, in nf
return await f(*args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middleware/plugins/pool.py", line 757, in do_update
rv = await self.middleware.call('zfs.dataset.update', id, {'properties': props})
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 1145, in call
return await self._call(name, serviceobj, methodobj, params, app=app, pipes=pipes, io_thread=True)
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 1081, in _call
return await methodobj(*args)
File "/usr/local/lib/python3.6/site-packages/middleware/service.py", line 289, in update
f'{self._config.namespace}.update', self, self.do_update, [id, data]
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 1095, in _call
return await run_method(methodobj, *args)
File "/usr/local/lib/python3.6/site-packages/middleware/main.py", line 1041, in run_in_thread
return await self.loop.run_in_executor(executor, functools.partial(method, *args, **kwargs))
```

```
File "/usr/local/lib/python3.6/concurrent/futures/thread.py", line 56, in run
result = self.fn(*self.args, **self.kwargs)
File "/usr/local/lib/python3.6/site-packages/middleware/schema.py", line 668, in nf
return f(*args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middleware/plugins/zfs.py", line 309, in do_update
raise CallError(f'Failed to update dataset: {e}')
middleware.service_exception.CallError: [EFAULT] Failed to update dataset: use 'none' to disable quota/refquota
```

#### Related issues:

Has duplicate FreeNAS - Bug #76963: [EFAULT] Failed to update dataset: use 'n...	<b>Closed</b>
Has duplicate FreeNAS - Bug #77791: Pool > Edit dataset options results in qu...	<b>Closed</b>
Has duplicate FreeNAS - Bug #83331: Cannot change ATIME: proposed ON or OFF, ...	<b>Closed</b>

#### History

##### #1 - 02/24/2019 05:06 AM - Dru Lavigne

- Has duplicate Bug #76963: [EFAULT] Failed to update dataset: use 'none' to disable quota/refquota added

##### #2 - 02/24/2019 03:54 PM - Dru Lavigne

- Category changed from GUI (new) to Middleware  
- Assignee changed from Release Council to William Grzybowski

##### #3 - 02/28/2019 05:22 AM - Dru Lavigne

- Has duplicate Bug #77791: Pool > Edit dataset options results in quota error added

##### #4 - 03/01/2019 10:08 AM - William Grzybowski

- Status changed from Unscreened to Blocked  
- Target version changed from Backlog to 11.2-U4  
- Reason for Blocked set to Waiting for feedback

I cant seem to reproduce that issue.

Can you post a screenshot of the whole webUI form so we can visualize all the settings you have?

##### #5 - 03/01/2019 11:23 AM - Daniel Torinsson

- File freenas.PNG added

William Grzybowski wrote:

I cant seem to reproduce that issue.

Can you post a screenshot of the whole webUI form so we can visualize all the settings you have?

Attached screenshot is regarding Bug [#77791](#) which was merge into this issue.

##### #6 - 03/01/2019 11:39 AM - Scott Ullrich

William Grzybowski wrote:

I cant seem to reproduce that issue.

Can you post a screenshot of the whole webUI form so we can visualize all the settings you have?

We are also seeing this error when trying to change a brand new instal of FreeNAS default compression setting to gzip-9.

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    return f(*args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middleware/plugins/zfs.py", line 309, in do_update
    raise CallError(f'Failed to update dataset: {e}')
middleware.service_exception.CallError: [EFAULT] Failed to update dataset: use 'none' to disable quota/refquota
```

**#7 - 03/01/2019 03:34 PM - Gabriel Zellmer**

William Grzybowski wrote:

I cant seem to reproduce that issue.

Can you post a screenshot of the whole webUI form so we can visualize all the settings you have?

We am also experiencing this same issue too.

**#8 - 03/04/2019 11:41 AM - Scott Ullrich**

Switching to legacy UI allowed us to change the option as long as you do not try to set it in the new GUI prior. Luckily we where able to stand up a new machine but if you do not have that luxury this error is a real show stopper for some folks.

**#9 - 03/06/2019 07:33 AM - Stephane Rosa**

I experienced the same error when changing any field (in this case the Share Type) on existing dataset options, as it could not be saved back.

Apparently the Advanced Form shows "0" on all the quotas, whereas it should be "none" when no quota. Actually the workaround of typing none manually in all the quotas field prior saving works well and allows to save the form including modifications. However, bringing up the form again resets these quota value to zero, so the workaround is always needed.

Interesting to note is that it does not affect the creation of dataset even with quota fields containing zero, only during modification.

Actually I suggest to keep 0 as it is a numeric field and manage the translation 0 => none internally.

Clipper

**#10 - 03/06/2019 12:03 PM - William Grzybowski**

- Category changed from Middleware to GUI (new)
- Status changed from Blocked to Unscreened
- Assignee changed from William Grzybowski to Anonymous
- Reason for Blocked deleted (Waiting for feedback)

Erin, this seem to happen when UI sends "0" to t he API instead of null for (ref)?quota/reservation fields. It seems to happen when the field size (MB/GB/etc) is blank.

**#11 - 03/24/2019 09:31 AM - Dru Lavigne**

- Has duplicate Bug #83331: Cannot change ATIME: proposed ON or OFF, NONE required added

**#14 - 04/08/2019 08:07 AM - Jaron Parsons**

- Status changed from Unscreened to Closed

**Files**

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Screenshot 2019-02-22 at 14.29.19.png	96 KB	02/22/2019	Till Gerken
freenas.PNG	123 KB	03/01/2019	Daniel Torinsson