

FreeNAS - Bug #43224

Fix traceback when creating a Docker or bhyve clone in the new UI

08/28/2018 09:54 AM - Michael Reynolds

Status:	Done		
Priority:	No priority		
Assignee:	William Grzybowski		
Category:	Middleware		
Target version:	11.2-BETA3		
Seen in:	Master - FreeNAS Nightlies	Needs Merging:	No
Severity:	Medium	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

Virtual Machines Click Options (3 vertical dots) -> Edit on existing VM
(Docker or bhyve) -> Click Clone

The card flips back over and there is a message "creating clone" but the clone is never created.

Have left the UI at this screen for 10+ minutes and the clone is never created

No error or traceback provided in the WebUI

Checked /var/log/middlewared.log

[2018/08/28 16:41:23] (WARNING) application.call_method():182 - Exception while calling vm.clone(*[2])

Traceback (most recent call last):

File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 155, in call_method

result = await self.middleware.call_method(self, message)

File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw

return self.gen.throw(type, value, traceback)

File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 1023, in call_method

return await self._call(message['method'], serviceobj, methodobj, params, app=app, io_thread=False)

File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw

return self.gen.throw(type, value, traceback)

File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 963, in _call

return await methodobj(*args)

File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw

return self.gen.throw(type, value, traceback)

File "/usr/local/lib/python3.6/site-packages/middlewared/schema.py", line 664, in nf

return await f(*args, **kwargs)

File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw

return self.gen.throw(type, value, traceback)

File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/vm.py", line 1271, in clone

vm['name'] = await self.__next_clone_name(vm['name'])

File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw

return self.gen.throw(type, value, traceback)

File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/vm.py", line 1252, in __next_clone_name

for i in await self.middleware.call('vm.query', [('name', '~', rf'{name}_clone\d+')])

File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw

return self.gen.throw(type, value, traceback)

File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 1027, in call

return await self._call(name, serviceobj, methodobj, params, app=app, pipes=pipes, io_thread=True)

File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw

return self.gen.throw(type, value, traceback)

```
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 963, in _call
return await methodobj(*args)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/schema.py", line 664, in nf
return await f(*args, **kwargs)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/service.py", line 269, in query
filter_list, result, filters, options
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 923, in run_in_io_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/middlewared/utils/_init_.py", line 145, in filter_list
raise ValueError("Invalid operation: {}".format(op))
ValueError: Invalid operation: ~
```

This looks like a middleware issue to me.

I tried to check "Edit" on the VM while it was in the "creating clone" state and the card flipped over to a blank box.

This is more than likely do to the state the VM is in, but reporting for the sake of being complete.

```
[2018/08/28 16:43:21] (WARNING) middlewared._loop_monitor_thread():1116 - Task seems blocked: File
"/usr/local/lib/python3.6/site-packages/aiohttp/web_middlewares.py", line 78, in impl
return await handler(request)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 110, in __next__
return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 1090, in ws_handler
await connection.on_message(x)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 110, in __next__
return self.gen.send(None)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 316, in on_message
asyncio.ensure_future(self.call_method(message))
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 85, in debug_wrapper
return CoroWrapper(gen, None)
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 95, in __init__
self._source_traceback = events.extract_stack(sys._getframe(1))
File "/usr/local/lib/python3.6/asyncio/events.py", line 93, in extract_stack
lookup_lines=False)
File "/usr/local/lib/python3.6/traceback.py", line 354, in extract
linecache.checkcache(filename)
File "/usr/local/lib/python3.6/linecache.py", line 74, in checkcache
stat = os.stat(fullname)
```

Related issues:

Related to FreeNAS - Bug #40181: Do not allow multiple VMs with same name

Done

Associated revisions

Revision 88545c3b - 08/29/2018 07:52 AM - William Grzybowski

fix(middlewared/vm): ensure snapshot/clone worked and remove device id

Ticket: #43224

Revision 11644368 - 08/29/2018 10:32 AM - William Grzybowski

fix(middlewared/vm): ensure snapshot/clone worked and remove device id

Ticket: #43224

History

#1 - 08/28/2018 10:04 AM - Michael Reynolds

- File 43224-debug.tgz added
- Private changed from No to Yes

Attached a debug

#2 - 08/28/2018 10:07 AM - William Grzybowski

- Status changed from Unscreened to Not Started
- Severity changed from New to Medium

#3 - 08/28/2018 10:17 AM - William Grzybowski

- Related to Bug #40181: Do not allow multiple VMs with same name added

#4 - 08/28/2018 10:17 AM - Dru Lavigne

- Target version changed from Backlog to 11.2-BETA3

#5 - 08/29/2018 07:59 AM - Bug Clerk

- Status changed from Not Started to In Progress

#6 - 08/29/2018 10:32 AM - Bug Clerk

- Status changed from In Progress to Ready for Testing

PR: <https://github.com/freenas/freenas/pull/1729>

#7 - 08/29/2018 10:37 AM - Dru Lavigne

- File deleted (43224-debug.tgz)

#8 - 08/29/2018 10:37 AM - Dru Lavigne

- Subject changed from Cannot create a Docker or bhyve clone in the new UI to Fix traceback when creating a Docker or bhyve clone in the new UI
- Private changed from Yes to No
- Needs Doc changed from Yes to No
- Needs Merging changed from Yes to No

#9 - 08/30/2018 02:02 PM - Michael Reynolds

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

Created a new bhyve VM named BUG-43224
Edit -> Clone
A new clone is created named BUG-43224_clone0

#10 - 08/31/2018 03:57 AM - Dru Lavigne

- Status changed from Passed Testing to Done

Files

CannotCreateVM-Clone-2018-08-28.png	131 KB	08/28/2018	Michael Reynolds
VM-PropertiesBlankCard-2018-08-28.png	123 KB	08/28/2018	Michael Reynolds