

FreeNAS - Bug #35128

Fix traceback caused by attribute name change in iocage

06/18/2018 05:27 AM - Waqar Ahmed

| | | | |
|----------------------------|----------------------------|--------------------------------|-----|
| Status: | Done | | |
| Priority: | No priority | | |
| Assignee: | Brandon Schneider | | |
| Category: | Middleware | | |
| Target version: | 11.2-BETA1 | | |
| Seen in: | Master - FreeNAS Nightlies | Needs Merging: | No |
| Severity: | Low 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

While writing tests for Jails I came across the following traceback for exec call.

```
```[2018/06/17 21:29:32] (ERROR) aiohttp.server.log_exception():307 - Error handling request  
concurrent.futures.process._RemoteTraceback:
```

```
Traceback (most recent call last):
File "/usr/local/lib/python3.6/concurrent/futures/process.py", line 175, in _process_worker
r = call_item.fn(*call_item.args, **call_item.kwargs)
File "/usr/local/lib/python3.6/site-packages/middlewareed/worker.py", line 119, in main_worker
res = loop.run_until_complete(coro)
File "/usr/local/lib/python3.6/asyncio/base_events.py", line 468, in run_until_complete
return future.result()
File "/usr/local/lib/python3.6/site-packages/middlewareed/worker.py", line 79, in _run
return await self._call(f'{service_name}.{method}', serviceobj, methodobj, params=args, job=job)
File "/usr/local/lib/python3.6/site-packages/middlewareed/worker.py", line 72, in _call
return methodobj(*params)
File "/usr/local/lib/python3.6/site-packages/middlewareed/worker.py", line 72, in _call
return methodobj(*params)
File "/usr/local/lib/python3.6/site-packages/middlewareed/schema.py", line 650, in nf
return f(*args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middlewareed/plugins/jail.py", line 393, in exec
msg = iocage.exec(command, host_user, jail_user, return_msg=True)
TypeError: exec() got an unexpected keyword argument 'return_msg'
```

The above exception was the direct cause of the following exception:

```
Traceback (most recent call last):
File "/usr/local/lib/python3.6/site-packages/aiohttp/web_protocol.py", line 378, in start
resp = await self._request_handler(request)
File "/usr/local/lib/python3.6/site-packages/aiohttp/web_app.py", line 341, in handle
resp = await handler(request)
File "/usr/local/lib/python3.6/site-packages/aiohttp/web_middlewares.py", line 88, in impl
return await handler(request)
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/site-packages/middlewareed/restful.py", line 365, in on_method
return await do(method, req, resp, *args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middlewareed/restful.py", line 504, in do
result = await self.middleware.call(methodname, *method_args)
File "/usr/local/lib/python3.6/site-packages/middlewareed/main.py", line 1017, in call
```

```
return await self._call(name, serviceobj, methodobj, params, pipes=pipes)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 950, in _call
return await self._call_worker(serviceobj, name, *args)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 977, in _call_worker
job,
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 908, in run_in_proc
return await self.run_in_executor(self._procpool, method, *args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 902, in run_in_executor
return await loop.run_in_executor(pool, functools.partial(method, *args, **kwargs))
TypeError: exec() got an unexpected keyword argument 'return_msg'``
```

```
The payload which I used while making this call was `` payload = {
'jail': 'jail1',
'command': ['echo "Exec successful"']
} ``
```

Kindly do let me know if this would've been a fault on my end while making the call.

**Related issues:**

Related to FreeNAS - Bug #34870: Add APIv2 tests for Jails

**Done**

**Associated revisions**

**Revision 5a34f440 - 06/18/2018 02:15 PM - Brandon Schneider**

fix(jail/exec): Attribute name changed upstream, additional improvements

Fix a potential oddity if the user supplies a nested list.

Ticket: #35128

**Revision f9ef293c - 06/18/2018 02:36 PM - Brandon Schneider**

fix(jail/exec): Attribute name changed upstream, additional improvements (#1393)

Fix a potential oddity if the user supplies a nested list.

Ticket: #35128

**Revision 34995337 - 06/22/2018 12:27 PM - Brandon Schneider**

fix(jail/exec): Attribute name changed upstream, additional improvements (#1393)

Fix a potential oddity if the user supplies a nested list.

Ticket: #35128

**History**

**#1 - 06/18/2018 05:35 AM - Dru Lavigne**

- Related to Bug #34870: Add APIv2 tests for Jails added

**#2 - 06/18/2018 06:55 AM - Brandon Schneider**

- Status changed from Unscreened to Not Started

**#3 - 06/18/2018 02:00 PM - Brandon Schneider**

- Status changed from Not Started to In Progress

**#4 - 06/18/2018 02:01 PM - Brandon Schneider**

- Severity changed from New to Low Medium

**#5 - 06/18/2018 02:16 PM - Brandon Schneider**

PR: <https://github.com/freenas/freenas/pull/1393>

**#6 - 06/18/2018 02:36 PM - Brandon Schneider**

- Status changed from *In Progress* to *Ready for Testing*

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

**#7 - 06/18/2018 07:57 PM - Dru Lavigne**

- Subject changed from *Exception when making exec call in Jails Middlewared to Fix traceback caused by attribute name change in iocage*

- Target version changed from *11.2-RC2* to *11.2-BETA1*

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

**#8 - 06/20/2018 01:20 PM - Rishabh Chauhan**

- Status changed from *Ready for Testing* to *Passed Testing*

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

it responded like a gentleman to an exec call-  
midclt call jail.exec 'jail35128' ["whoami"]  
root

**#9 - 06/20/2018 01:24 PM - Dru Lavigne**

- Status changed from *Passed Testing* to *Done*