

FreeNAS - Bug #46927

Fix errant jail RELEASE types in warden migration script

09/17/2018 06:19 PM - Brandon Schneider

| | |
|--|----------------------------------|
| Status: Done | |
| Priority: No priority | |
| Assignee: Brandon Schneider | |
| Category: Middleware | |
| Target version: 11.2-RC1 | |
| Seen in: | Needs Merging: No |
| Severity: High | 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 | |
| Unless the user created the jail with a specific template, the current RELEASE migration will not succeed. | |
| Related issues: | |
| Related to FreeNAS - Bug #27236: Improve warden to iocage migration script | Done |

Associated revisions

Revision 2f9ab841 - 09/18/2018 04:36 PM - Brandon Schneider

fix(warden/migration): Use proper RELEASE

- Before we used whatever the template was used to create warden jails as the source of truth. We now use the world's version from jailpath/bin/sh.
- Fix fstab not existing causing a failed migration

Ticket: #46927

Revision 38776875 - 09/18/2018 10:40 PM - Brandon Schneider

fix(warden/migration): Use proper RELEASE (#1807)

- Before we used whatever the template was used to create warden jails as the source of truth. We now use the world's version from jailpath/bin/sh.
- Fix fstab not existing causing a failed migration

Ticket: #46927

Revision dc0a1c59 - 09/26/2018 11:48 AM - Brandon Schneider

Fix RELEASE selection for 11.0 jails and rtsold for ipv6 migration

Ticket: #46927

Revision bed12fe0 - 09/26/2018 12:11 PM - Brandon Schneider

Fix RELEASE selection for 11.0 jails and rtsold for ipv6 migration

Ticket: #46927

History

#1 - 09/17/2018 06:19 PM - Brandon Schneider

- Status changed from Unscreened to In Progress

#2 - 09/17/2018 06:20 PM - Brandon Schneider

- Related to Bug #27236: Improve warden to iocage migration script added

#3 - 09/18/2018 04:36 PM - Brandon Schneider

PR: <https://github.com/freenas/freenas/pull/1807>

#4 - 09/18/2018 10:40 PM - Bug Clerk

- Status changed from In Progress to Ready for Testing

PR: <https://github.com/freenas/freenas/pull/1807>

#5 - 09/19/2018 05:11 AM - Dru Lavigne

- Subject changed from Warden migration has errant jail RELEASE types to Fix errant jail RELEASE types in warden migration script

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

#6 - 09/19/2018 07:02 AM - Timothy Moore II

- Status changed from Ready for Testing to Failed Testing

Testing with a FreeNAS VM installed with 11.1-U5 and updated to latest 11.2 Nightly:

Create VM on 11.5-U5. Create two simple Warden jails: test1-dhcp-ipv6 and test2-static-noip6. Update VM to latest nightly. Go to Shell and enter `migrate_warden.py -j <name> -p <pool>` for each Warden jail. Go to Jails page. Click More Options > Start for test1. ValueError appears:

```
could not convert string to float: '(1100122)'  
Error: 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/middlewared/worker.py", line 122, 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/middlewared/worker.py", line 82, in _run  
    return await self._call(f'{service_name}.{method}', serviceobj, methodobj, params=args, job=job)  
  File "/usr/local/lib/python3.6/site-packages/middlewared/worker.py", line 75, in _call  
    return methodobj(*params)  
  File "/usr/local/lib/python3.6/site-packages/middlewared/worker.py", line 75, in _call  
    return methodobj(*params)  
  File "/usr/local/lib/python3.6/site-packages/middlewared/schema.py", line 668, in nf  
    return f(*args, **kwargs)  
  File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/jail.py", line 534, in start  
    iocage.start()  
  File "/usr/local/lib/python3.6/site-packages/iocage_lib/iocage.py", line 1593, in start  
    release = float(release.rsplit("-", 1)[0].rsplit("-", 1)[0])  
ValueError: could not convert string to float: '(1100122)'  
"""
```

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

Traceback (most recent call last):

```
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 161, in call_method
    result = await self.middleware.call_method(self, message)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 1043, 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/middlewared/main.py", line 980, in _call
    return await self._call_worker(serviceobj, name, *args)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 1007, in _call_worker
    job,
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 938, 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 923, in run_in_executor
    return await loop.run_in_executor(pool, functools.partial(method, *args, **kwargs))
ValueError: could not convert string to float: '(1100122)'
```

#7 - 09/19/2018 07:04 AM - Dru Lavigne

- Status changed from Failed Testing to Ready for Testing

#9 - 09/25/2018 07:58 AM - Timothy Moore II

- Status changed from Ready for Testing to Failed Testing

Created FreeNAS 11.1-U5 VM and two jails, one from a template and one with manual settings. Update the VM to the latest Nightly (FreeNAS-11.2-MASTER-201809190906). Log in and go to the Shell. Enter these commands:

```
warden list
iocage list
migrate_warden.py -j test2-static-noip6 -p pool1
iocage list
iocage start test2-static-noip6
```

Migration appears to run properly. When I tried to start the jail a Traceback is generated:

```
[root@freenas ~]# iocage start test2-static-noip6
Traceback (most recent call last):
  File "/usr/local/bin/iocage", line 10, in <module>
    sys.exit(cli())
  File "/usr/local/lib/python3.6/site-packages/click/core.py", line 722, in __call__
    return self.main(*args, **kwargs)
  File "/usr/local/lib/python3.6/site-packages/click/core.py", line 697, in main
    rv = self.invoke(ctx)
  File "/usr/local/lib/python3.6/site-packages/click/core.py", line 1066, in invoke
    return _process_result(sub_ctx.command.invoke(sub_ctx))
  File "/usr/local/lib/python3.6/site-packages/click/core.py", line 895, in invoke
    return ctx.invoke(self.callback, **ctx.params)
  File "/usr/local/lib/python3.6/site-packages/click/core.py", line 535, in invoke
    return callback(*args, **kwargs)
  File "/usr/local/lib/python3.6/site-packages/iocage_cli/start.py", line 54, in cli
```

```
ioc.IOCage(jail=jail, rc=rc).start()
File "/usr/local/lib/python3.6/site-packages/iocage_lib/iocage.py", line 1593, in start
    release = float(release.rsplit("-", 1)[0].rsplit("-", 1)[0])
ValueError: could not convert string to float: '(1100122)'
```

Reviewing the jail settings shows the RELEASE as

```
(1100122)-RELEASE
```

, which seems to be the cause of the traceback.

#10 - 09/25/2018 02:01 PM - Brandon Schneider

- Status changed from *Failed Testing* to *In Progress*

#11 - 09/26/2018 12:11 PM - Bug Clerk

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

PR: <https://github.com/freenas/freenas/pull/1836>

#12 - 09/28/2018 04:19 AM - Timothy Moore II

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

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

Retest with FreeNAS system starting at 11.1-U5 updated to FreeNAS-11.2-MASTER-201809270855:

11.1-U5 system: create warden jail *simple1-DHCP* with default warden settings. Update FreeNAS system to nightly version mentioned above and open the shell. Enter

```
warden list
iocage list
migrate_warden.py -j simple1-dhcp -p pool1
```

and confirm the FreeBSD release version for *simple1-dhcp* is properly migrated and visible in both iocage CLI commands and the UI.

#13 - 09/28/2018 05:12 AM - Dru Lavigne

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