

FreeNAS - Bug #24521

Fix traceback when creating jail using iocage

06/14/2017 05:58 AM - Dave F

Status:	Resolved	
Priority:	No priority	
Assignee:	Brandon Schneider	
Category:	Middleware	
Target version:	11.1-BETA1	
Seen in:	11.0	Needs Merging: Yes
Severity:	New	Needs Automation: No
Reason for Closing:		Support Suite Ticket: n/a
Reason for Blocked:		Hardware Configuration:
Needs QA:	No	ChangeLog Required: No
Needs Doc:	Yes	

Description

Trying to create a jail using iocage generates a traceback.

```
[root@freenas ~]# iocage create tag=test ip4_addr="em0|192.168.43.12" -r 11.0-RELEASE
```

Traceback (most recent call last):

```
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 544, in json_check_config
    release = conf["release"]
```

```
KeyError: 'release'
```

During handling of the above exception, another exception occurred:

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/create.py", line 86, in cli
    err, msg = ioc.IOCage().create(release, props, pkglist=pkglist,

File "/usr/local/lib/python3.6/site-packages/iocage/lib/iocage.py", line 68, in __init__
    self.jails, self._paths = self.list("uuid")

File "/usr/local/lib/python3.6/site-packages/iocage/lib/iocage.py", line 468, in list
    return ioc_list.IOCList(lst_type, header, long, sort).list_datasets()

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_list.py", line 53, in list_datasets
    conf = iocage.lib.ioc_json.IOCJson(jail).json_load()

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 256, in json_load
    conf = self.json_check_config(conf, version)

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 548, in json_check_co
nfig
    freebsd_version = f"{iocroot}/releases/{conf['release']}" \

KeyError: 'release'

[root@freenas ~]#
```

Related issues:

Related to FreeNAS - Bug #25156: iocage KeyError

Closed: Duplicate #25156/15/2017

History

#1 - 06/15/2017 01:56 PM - Brandon Schneider

- Status changed from Unscreened to Closed: Cannot reproduce

I can't reproduce this on the latest nightly, what version are you using?

I'd try a iocage clean -af and attempt this again.

#2 - 06/15/2017 02:34 PM - Dave F

Previous attempt was a upgrade from 9.10.2-U5 to 11-STABLE.

This attempt is a fresh install in 11-STABLE.

```
root@freenas:~ # iocage activate tank
ZFS pool 'tank' successfully activated.
root@freenas:~ # iocage fetch
Creating tank/iocage
Creating tank/iocage/download
Creating tank/iocage/images
Creating tank/iocage/jails
Creating tank/iocage/log
Creating tank/iocage/releases
Creating tank/iocage/templates
[0] 9.3-RELEASE (EOL)
[1] 10.1-RELEASE (EOL)
[2] 10.2-RELEASE (EOL)
[3] 10.3-RELEASE
[4] 11.0-RELEASE
```

```
Which release do you want to fetch? (11.0)
Type EXIT to quit: 4
```

Fetching: 11.0-RELEASE

Downloading: MANIFEST: 100% 10.5Kbit/s Elapsed: 00:00 Remaining: 00:00
Downloading: base.txz: 100% 4.29Mbit/s Elapsed: 00:22 Remaining: 00:00
Downloading: lib32.txz: 100% 2.82Mbit/s Elapsed: 00:06 Remaining: 00:00
Downloading: doc.txz: 100% 1.17Mbit/s Elapsed: 00:01 Remaining: 00:00
Extracting: base.txz...
Extracting: lib32.txz...
Extracting: doc.txz...

[..snip..]

/usr/share/zoneinfo/Pacific/Easter
/usr/share/zoneinfo/Pacific/Tongatapu
/usr/share/zoneinfo/zone.tab
src component not installed, skipped
Installing updates... done.

root@freenas:~ # iocage create tag=testjail ip4_addr="em0:192.168.32.221" -r 11.0-RELEASE

Traceback (most recent call last):

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 544, in json_check_config
release = conf["release"]

KeyError: 'release'

During handling of the above exception, another exception occurred:

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/create.py", line 86, in cli
err, msg = ioc.IOCage().create(release, props, pkglist=pkglist,

File "/usr/local/lib/python3.6/site-packages/iocage/lib/iocage.py", line 68, in __init__
self.jails, self._paths = self.list("uuid")

File "/usr/local/lib/python3.6/site-packages/iocage/lib/iocage.py", line 468, in list
return ioc_list.IOCList(lst_type, header, long, sort).list_datasets()

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_list.py", line 53, in list_datasets
conf = iocage.lib.ioc_json.IOCJson(jail).json_load()

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 256, in json_load
conf = self.json_check_config(conf, version)

File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 548, in json_check_config
frebsd_version = f"{iocroot}/releases/{conf['release']}" \

KeyError: 'release'

root@freenas:~ #

#3 - 06/16/2017 07:33 AM - Dru Lavigne

- Status changed from Closed: Cannot reproduce to Unscreened

#4 - 06/19/2017 11:03 AM - Brandon Schneider

- Status changed from Unscreened to Fix In Progress

I see the issue I believe, you're supplying ip4_addr="em0:192.168.32.221" instead of ip4_addr="em0|192.168.32.221". This should be handled better, so I'll fix it upstream and that will trickle it's way in to FreeNAS when I release 0.9.9.

#5 - 06/19/2017 02:04 PM - Dave F

It seems that using | or : generates the same trace back in my case.

#6 - 07/15/2017 04:52 PM - Dru Lavigne

- Related to Bug #25156: iocage KeyError added

#7 - 08/10/2017 04:18 PM - John Ramsden

I seem to be running into this problem, or at least a related problem.

On a clean system running

```
iocage fetch
```

I get the following:

```
iocage fetch
[0] 1
[0] 1
[2] .
[0] 1
[4] -
[5] R
[6] E
[7] L
[6] E
[9] A
[10] S
[6] E
```

```
Which release do you want to fetch? (11.0)
```

```
Type EXIT to quit: 11.0
```

```
Traceback (most recent call last):
```

```
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_fetch.py", line 155, in __fetch_validate_release
    releases.index(self.release)
ValueError: substring not found
```

During handling of the above exception, another exception occurred:

```
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/fetch.py", line 135, in cli
    eol=eol, files=files).fetch_release()
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_fetch.py", line 230, in fetch_release
    self.fetch_ftp_release(eol, _list=_list)
```

```
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_fetch.py", line 412, in fetch_ftp_release
    self.release = self.__fetch_validate_release__(releases)
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_fetch.py", line 157, in __fetch_validate_release
    raise RuntimeError(err)
RuntimeError: substring not found
```

#8 - 08/21/2017 05:36 AM - Brandon Schneider

- Status changed from *Fix In Progress* to *Ready For Release*
- Target version set to *11.1*

All related issues are fixed in the latest nightlies.

#9 - 09/09/2017 10:13 AM - Dru Lavigne

- Subject changed from *Creating jail using iocage generates traceback* to *Fix traceback when creating jail using iocage*

#10 - 09/27/2017 06:07 AM - Dru Lavigne

- Target version changed from *11.1* to *11.1-BETA1*

#11 - 10/24/2017 04:47 AM - Dru Lavigne

- Status changed from *Ready For Release* to *Resolved*

#12 - 11/06/2017 12:38 PM - Joe Maloney

- Needs QA changed from *Yes* to *No*
- QA Status Test *Passes FreeNAS* added
- QA Status *deleted (Not Tested)*