

## FreeNAS - Bug #44735

### Fix bug when installing Plugins without an underlying FreeBSD package

09/05/2018 08:14 AM - Dru Lavigne

<b>Status:</b>	Done		
<b>Priority:</b>	No priority		
<b>Assignee:</b>	Waqar Ahmed		
<b>Category:</b>	Middleware		
<b>Target version:</b>	11.2-BETA3		
<b>Seen in:</b>	Master - FreeNAS Nightlies	<b>Needs Merging:</b>	No
<b>Severity:</b>	Medium	<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>	No	<b>ChangeLog Required:</b>	No
<b>Needs Doc:</b>	No		

#### Description

The plugin fails with this error displayed in the UI:

```
local variable 'pkg_err' referenced before assignment
```

This traceback appears in middlewared.log:

```
[2018/09/05 15:06:08] (WARNING) application.call_method():182 - Exception while calling cache.get(['iocage_remote_plugins'])
```

**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/site-packages/middlewared/main.py", line 1033, 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 987, in call
```

```
return await run_method(methodobj, *args)
```

```
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 925, in _run_in_conn_threadpool
```

```
return await self.run_in_executor(self._threadpool, method, *args, **kwargs)
```

```
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 913, in run_in_executor
```

```
return await loop.run_in_executor(pool, 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/schema.py", line 668, in nf
```

```
return f(*args, **kwargs)
```

```
File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/cache.py", line 34, in get
```

```
self.get_timeout(key)
```

```
File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/cache.py", line 74, in get_timeout
```

```
raise KeyError(f'{key} has expired')
```

```
KeyError: 'iocage_remote_plugins has expired'
```

```
[2018/09/05 15:06:08] (DEBUG) middlewared.logger.CrashReporting.report():102 - Sending a crash report...
```

```
[2018/09/05 15:06:08] (DEBUG) raven.base.Client.send_remote():716 - Sending message of length 3825 to
```

```
https://sentry.ixsystems.com/api/2/store/
```

```
[2018/09/05 15:06:09] (WARNING) application.call_method():182 - Exception while calling cache.get(['iocage_rpkgdict'])
```

Traceback (most recent call last):

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File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 155, in call_method
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result = await self.middleware.call_method(self, message)
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return f(*args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middlewareed/plugins/cache.py", line 34, in get
self.get_timeout(key)
File "/usr/local/lib/python3.6/site-packages/middlewareed/plugins/cache.py", line 74, in get_timeout
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KeyError: 'iocage_rpkgdict has expired'
[2018/09/05 15:06:09] (DEBUG) middlewareed.logger.CrashReporting.report():102 - Sending a crash report...
[2018/09/05 15:06:09] (DEBUG) raven.base.Client.send_remote():716 - Sending message of length 4436 to
https://sentry.ixsystems.com/api/2/store/
[2018/09/05 15:06:19] (WARNING) middlewareed.devd_listen():93 - Failed to parse devd message: !system=ZFS subsystem=ZFS
type=misc.fs.zfs.history_event pool_name=pool1 pool_guid=13314904165466210743 history_hostname=freenas.local
history_dsname=pool1/iocage/jails/bru-server/root
history_internal_str=origin=pool1/iocage/releases/11.2-RELEASE/root@bru-server (3122) history_internal_name=clone
history_dsid=3133 history_txg=149304 history_time=1536159979
```

**Related issues:**

Related to FreeNAS - Feature #39573: Update iocage Plugins for BETA3 Done

**History**

**#2 - 09/05/2018 08:16 AM - Dru Lavigne**

- Related to Feature #39573: Update iocage Plugins for BETA3 added

**#3 - 09/05/2018 08:21 AM - William Grzybowski**

- Status changed from Unscreened to Blocked  
- Reason for Blocked set to Need additional information from Author

Please attach Debug.

**#4 - 09/05/2018 08:31 AM - Dru Lavigne**

- File debug-freenas-20180905083053.tgz added  
- Status changed from Blocked to Unscreened  
- Private changed from No to Yes  
- Reason for Blocked deleted (Need additional information from Author)

**#5 - 09/05/2018 08:41 AM - William Grzybowski**

- Assignee changed from William Grzybowski to Waqar Ahmed  
- Severity changed from New to Medium

Waqar, please try to reproduce and/or fix the pkg\_err error.

It seems to be in ioc\_create.py in iocage.

**#6 - 09/05/2018 12:08 PM - Waqar Ahmed**

- Status changed from Unscreened to In Progress

**#7 - 09/05/2018 01:23 PM - Dru Lavigne**

- Related to Feature #44856: Update iocage Plugins for RC1 added

**#8 - 09/06/2018 06:50 AM - Dru Lavigne**

- File deleted (debug-freenas-20180905083053.tgz)

**#9 - 09/06/2018 06:51 AM - Dru Lavigne**

- Related to deleted (Feature #44856: Update iocage Plugins for RC1)

**#10 - 09/06/2018 06:52 AM - Dru Lavigne**

- Target version changed from 11.2-RC1 to 11.2-BETA3

**#11 - 09/06/2018 10:22 AM - Dru Lavigne**

- Subject changed from BRU Server plugin fails on FreeNAS-11.2-MASTER-201809040858 to Fix bug when installing Plugins without an underlying FreeBSD package

- Private changed from Yes to No

- Needs Doc changed from Yes to No

**#12 - 09/06/2018 10:53 AM - William Grzybowski**

- Status changed from In Progress to Ready for Testing

**#13 - 09/06/2018 10:54 AM - Waqar Ahmed**

PR - <https://github.com/freenas/iocage/pull/25>

**#14 - 09/06/2018 10:58 AM - Dru Lavigne**

- Needs Merging changed from Yes to No

**#15 - 09/07/2018 06:57 AM - Dru Lavigne**

- Status changed from Ready for Testing to Done

- Needs QA changed from Yes to No

BRU-server successfully installs on FreeNAS-11.2-MASTER-201809070900.