

FreeNAS - Bug #8209

Problems with warden and plugin jails

02/26/2015 12:29 AM - Randy Westlund

Status:	Closed: Behaves correctly		
Priority:	Nice to have		
Assignee:	John Hixson		
Category:	Middleware		
Target version:	N/A		
Seen in:		Needs Merging:	Yes
Severity:	New	Needs Automation:	No
Reason for Closing:		Support Suite Ticket:	n/a
Reason for Blocked:		Hardware Configuration:	
Needs QA:	Yes	ChangeLog Required:	No
Needs Doc:	Yes		

Description

After updating to FreeNAS-9.3-STABLE-201502232343 today, I've had the following problems:

When trying to install a plugin, the installation fails with no error message visible from the GUI. /var/log/messages has this:

```
Feb 26 01:49:41 freenas warden: Building new Jail... Please wait...
Feb 26 01:49:41 freenas warden: zfs clone freenas-boot/usr/jails/.warden-template-pluginjail@clean
freenas-boot/usr/jails/owncloud_2
Feb 26 01:49:42 freenas warden: Success!
Feb 26 01:49:42 freenas warden: Jail created at /usr/jails/owncloud_2
Feb 26 01:49:42 freenas manage.py: [middleware.exceptions:38] [MiddlewareError: [Errno 2] No such
file or directory: u'/mnt/tank/jails/owncloud_2/.plugins/PLUGIN']
```

My jail root is set at /mnt/tank/jails. It looks like the plugin jail is being created in the wrong location:

```
[randy@freenas] /mnt/tank# zfs list
NAME                                USED    AVAIL    REFER    MOUNTPOINT
freenas-boot                        3.04G   11.4G    31K     none
freenas-boot/ROOT                   3.03G   11.4G    31K     none
freenas-boot/ROOT/FreeNAS-9.3-STABLE-201502232343 3.02G   11.4G    2.11G   /
freenas-boot/ROOT/default           2.42M   11.4G    934M    legacy
freenas-boot/grub                   7.82M   11.4G    7.78M    legacy
freenas-boot/usr                    96K     11.4G    31K     none
freenas-boot/usr/jails              65K     11.4G    31K     none
freenas-boot/usr/jails/.warden-template-pluginjail 31K     11.4G    31K     /freenas-boot/usr/jails
/.warden-template-pluginjail
freenas-boot/usr/jails/owncloud_1    1K      11.4G    31K     none
freenas-boot/usr/jails/owncloud_2    1K      11.4G    31K     none
freenas-boot/usr/jails/owncloud_3    1K      11.4G    31K     none
tank                                  1.17T   9.03T    151K    /mnt/tank
tank/.system                        7.91M   9.03T    2.65M    legacy
tank/.system/cores                  2.74M   9.03T    2.74M    legacy
tank/.system/rrd-480590e21d954ace9dd512462524ec0b 140K    9.03T    140K    legacy
tank/.system/samba4                 546K    9.03T    546K    legacy
tank/.system/syslog-480590e21d954ace9dd512462524ec0b 1.84M   9.03T    1.84M    legacy
[snip]
```

tank/jails 85.1M 9.03T 85.1M /mnt/tank/jails

I've also been seeing error messages like this appear in the GUI when I try to change settings on jail-related pages:

```
Request Method: POST
Request URL: http://freenas/jails/configuration/?inline=true
Software Version: FreeNAS-9.3-STABLE-201502232343
Exception Type: KeyError
Exception Value: 'ix-warden'
```

Environment:

```
Software Version: FreeNAS-9.3-STABLE-201502232343
Request Method: POST
Request URL: http://freenas/jails/configuration/?inline=true
```

Traceback:

```
File "/usr/local/lib/python2.7/site-packages/django/core/handlers/base.py" in get_response
105.         response = middleware_method(request, callback, callback_args, callback
_kwargs)
File "/usr/local/www/freenasUI/./freenasUI/freeadmin/middleware.py" in process_view
157.         return login_required(view_func)(request, *view_args, **view_kwarg
s)
File "/usr/local/lib/python2.7/site-packages/django/contrib/auth/decorators.py" in _wrapped_view
22.         return view_func(request, *args, **kwargs)
File "/usr/local/www/freenasUI/./freenasUI/jails/views.py" in jailsconfiguration
83.         form.save()
File "/usr/local/lib/python2.7/site-packages/django/forms/models.py" in save
446.             construct=False)
File "/usr/local/lib/python2.7/site-packages/django/forms/models.py" in save_instance
99.         instance.save()
File "/usr/local/www/freenasUI/./freenasUI/jails/models.py" in save
439.         notifier().start("ix-warden")
File "/usr/local/www/freenasUI/./freenasUI/middleware/notifier.py" in start
325.         self._simplecmd("start", what)
File "/usr/local/www/freenasUI/./freenasUI/middleware/notifier.py" in _simplecmd
216.         procname, pidfile = self.__service2daemon[what]
```

```
Exception Type: KeyError at /jails/configuration/
Exception Value: 'ix-warden'
```

Request information

GET

Variable	Value
inline	u'true'

POST

Variable	Value
jc_collectionurl	u'http://download.freenas.org/latest/RELEASE/x64/jails'
jc_ipv6_network_start	u''
jc_ipv4_network	u'192.168.1.0/24'
__form_id	u'dialogForm_'
jc_path	u'/mnt/tank/jails'
jc_ipv6_network	u''
jc_ipv4_network_start	u'192.168.1.220'
jc_ipv6_network_end	u''
jc_ipv4_network_end	u'192.168.1.240'
__all__	u''

FILES

No FILES data

COOKIES

Variable	Value
csrftoken	'4CzIjPwtdHC21WZGKdCS2jomN4rGuk7z'
sessionid	'ce7pmm4etoq0kn7zals76etfu6x2kfvvy'
fntreeSaveStateCookie	'root%2Croot%2F258'

META

```

Variable      Value
wsgi.input    <flup.server.fcgi_base.InputStream object at 0x81516f650>
QUERY_STRING  'inline=true'
HTTP_ACCEPT   'text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8'
CONTENT_LENGTH '308'
REQUEST_URI   '/jails/configuration/?inline=true'
wsgi.version  (1, 0)
HTTP_ACCEPT_ENCODING 'gzip, deflate'
HTTP_PRAGMA   'no-cache'
HTTP_REFERER  'http://freenas/'
DOCUMENT_ROOT '/usr/local/etc/nginx/html'
HTTP_CACHE_CONTROL 'no-cache'
REMOTE_ADDR   '192.168.1.30'
SERVER_PORT   '80'
GATEWAY_INTERFACE 'CGI/1.1'
wsgi.url_scheme 'http'
wsgi.multiprocess False
CSRF_COOKIE   u'4CzIjPwtdHC21WZGKdCS2jomN4rGuk7z'
HTTP_ACCEPT_LANGUAGE 'en-US,en;q=0.5'
SERVER_SOFTWARE 'nginx/1.6.2'
wsgi.run_once False
HTTP_COOKIE   'csrftoken=4CzIjPwtdHC21WZGKdCS2jomN4rGuk7z; sessionid=ce7pmm4etoq0kn7zals76etfu6x2kfv; fntreeSaveStateCookie=root%2Croot%2F258'
REMOTE_PORT   '31819'
SCRIPT_NAME   u''
CONTENT_TYPE  'application/x-www-form-urlencoded; charset=UTF-8'
HTTP_CONTENT_LENGTH '308'
HTTP_DNT      '1'
SERVER_PROTOCOL 'HTTP/1.1'
HTTP_X_REQUESTED_WITH 'XMLHttpRequest'
REDIRECT_STATUS '200'
wsgi.errors    <flup.server.fcgi_base.TeeOutputStream object at 0x815198dd0>
HTTP_CONTENT_TYPE 'application/x-www-form-urlencoded; charset=UTF-8'
HTTP_CONNECTION 'keep-alive'
PATH_INFO      u'/jails/configuration/'
DOCUMENT_URI    '/jails/configuration/'
HTTP_USER_AGENT 'Mozilla/5.0 (X11; FreeBSD amd64; rv:35.0) Gecko/20100101 Firefox/35.0'
SERVER_ADDR    '192.168.1.250'
REQUEST_METHOD 'POST'
SERVER_NAME    'localhost'
wsgi.multithread True
HTTP_HOST      'freenas'
HTTP_X_CSRFTOKEN '4CzIjPwtdHC21WZGKdCS2jomN4rGuk7z'
HTTPS          ''

```

Debug log is attached.

History

#1 - 02/26/2015 03:14 AM - John Hixson

- Status changed from Unscreened to 15
- Priority changed from Important to Nice to have
- Target version set to Unspecified

I'm not clear on what's going on but it's certainly wrong. Do you have any other jails or plugins installed? Can you attach your /usr/local/etc/warden.conf here? Can you also provide the output of warden list -v? If you don't have any other jails or plugins, I think you should just blow away the existing jails and templates.

#2 - 02/26/2015 10:50 AM - Randy Westlund

John Hixson wrote:

I'm not clear on what's going on but it's certainly wrong. Do you have any other jails or plugins installed? Can you attach your /usr/local/etc/warden.conf here? Can you also provide the output of warden list -v? If you don't have any other jails or plugins, I think you should just blow away the existing jails and templates.

No, I have no other jails or plugins. This is the first time I've tried to install a plugin.

```
[randy@freenas] /usr/local/etc# cat warden.conf
#!/bin/sh
# Configuration options for the Warden
#####
# Network Interface for the jails to use
NIC: re0
# Directory to use for compressing / decompressing files
WTMP: /usr/jails
# Location of the jails
JDIR: /usr/jails
# FreeBSD release to use
FREEBSD_RELEASE: 9.1-RELEASE
```

```
[randy@freenas] /mnt/tank/home/randy# warden list -v
```

```
id: 1
host: owncloud_1
iface:
ipv4: 192.168.1.3/24
alias-ipv4:
bridge-ipv4:
alias-bridge-ipv4:
defaultrouter-ipv4:
ipv6:
alias-ipv6:
bridge-ipv6:
alias-bridge-ipv6:
defaultrouter-ipv6:
autostart: Disabled
vnet: Disabled
nat: Disabled
mac:
status: Stopped
type: pluginjail
flags: allow.raw_sockets=true
```

```
id: 2
host: owncloud_2
iface:
ipv4: 192.168.1.4/24
alias-ipv4:
bridge-ipv4:
alias-bridge-ipv4:
defaultrouter-ipv4:
ipv6:
alias-ipv6:
bridge-ipv6:
alias-bridge-ipv6:
defaultrouter-ipv6:
autostart: Disabled
vnet: Disabled
nat: Disabled
mac:
status: Stopped
type: pluginjail
flags: allow.raw_sockets=true
```

```
id: 3
host: owncloud_3
iface:
ipv4: DHCP
alias-ipv4:
```

```
bridge-ipv4:  
alias-bridge-ipv4:  
defaultrouter-ipv4:  
ipv6:  
alias-ipv6:  
bridge-ipv6:  
alias-bridge-ipv6:  
defaultrouter-ipv6:  
autostart: Disabled  
vnet: Disabled  
nat: Disabled  
mac:  
status: Stopped  
type: pluginjail  
flags: allow.raw_sockets=true
```

How should I reset it all?

#3 - 02/26/2015 08:17 PM - John Hixson

In your warden.conf, you have /usr/jails as the jails path. That can't be right. Can you go to jails->configuration and pick your jail root and save it?

#4 - 02/26/2015 09:00 PM - Randy Westlund

- *File 2015-02-26-235244_1366x768_screenshot.png added*

John Hixson wrote:

In your warden.conf, you have /usr/jails as the jails path. That can't be right. Can you go to jails->configuration and pick your jail root and save it?

The current value for my jail root in jails->configuration is /mnt/tank/jails. When I click save on that page, I get the error that I posted above with the python stack trace. I've attached a screenshot as well.

I'm not sure why these have different values, but I didn't change anything manually and have never attempted to create a jail or install a plugin before. I assume this was caused by the last update, but I don't know for sure.

#5 - 02/27/2015 02:18 PM - John Hixson

There was an update yesterday that may have addressed this issue. I see in the traceback a bug that was indeed fixed. Can you grab the latest update(s) and see if this resolves your issue?

#6 - 02/27/2015 07:42 PM - Randy Westlund

John Hixson wrote:

There was an update yesterday that may have addressed this issue. I see in the traceback a bug that was indeed fixed. Can you grab the latest update(s) and see if this resolves your issue?

The update helped, but not completely. The stack trace no longer appears when I save jail settings and /usr/local/etc/warden.conf looks good now. But when I try to install a plugin, it fails after downloading and trying to create a jail with no message in the UI. A jail for the plugin is not created.

This is in /var/log/messages:

```
Feb 27 22:19:26 freenas nmbd[2592]: STATUS=daemon 'nmbd' finished starting up and ready to serve connections
*****
Feb 27 22:19:26 freenas nmbd[2592]:
Feb 27 22:19:26 freenas nmbd[2592]: Samba name server FREENAS is now a local master browser for workgroup WO
RKGROUUP on subnet 192.168.1.250
Feb 27 22:19:26 freenas nmbd[2592]:
Feb 27 22:19:26 freenas nmbd[2592]: *****
Feb 27 22:19:29 freenas syslog-ng[3860]: syslog-ng starting up; version='3.5.6'
Feb 27 22:19:29 freenas kernel: pid 1862 (syslog-ng), uid 0: exited on signal 6 (core dumped)
Feb 27 22:19:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:20:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:20:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:21:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:21:32 freenas su: randy to root on /dev/pts/0
Feb 27 22:21:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:22:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:22:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:23:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:23:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:24:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:24:40 freenas manage.py: [common.pipesubr:58] Popen()ing: /sbin/ping -q -t 2 -o 192.168.1.220
Feb 27 22:24:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:25:02 freenas manage.py: [common.pipesubr:58] Popen()ing: /sbin/ping -q -t 2 -o 192.168.1.220
Feb 27 22:25:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:25:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:26:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:26:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
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Feb 27 22:27:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:27:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:28:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
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Feb 27 22:28:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
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Feb 27 22:29:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
ctory
Feb 27 22:29:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or dire
```

ctory
Feb 27 22:30:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:30:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:31:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:31:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:32:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:32:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:33:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:33:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:34:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:34:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:35:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:35:58 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory
Feb 27 22:36:28 freenas init: can't exec getty '/usr/local/sbin/zfsd' for port /dev/zfsd: No such file or directory

#7 - 02/27/2015 08:59 PM - Randy Westlund

I came back an hour later and the jail, dataset, and plugin all exist now. Maybe it was still processing but the UI popup closed? The owncloud plugin is working now, but I don't know what's going on with syslog.

#8 - 03/02/2015 11:30 AM - John Hixson

- Status changed from 15 to Closed: Behaves correctly

#9 - 08/26/2016 01:56 PM - Kris Moore

- Target version changed from Unspecified to N/A

#10 - 12/09/2017 08:52 AM - Dru Lavigne

- File deleted (debug-freenas-20150226022755.tgz)

Files

2015-02-26-235244_1366x768_scrot.png

176 KB

02/27/2015

Randy Westlund