

FreeNAS - Bug #38195

Use UNIX ACLs on iocage datasets

07/14/2018 03:15 PM - Roman M

Status: Done	
Priority: No priority	
Assignee: Brandon Schneider	
Category: Middleware	
Target version: 11.2-BETA2	
Seen in: 11.2-BETA1	Needs Merging: No
Severity: Med 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

When creating a new jail following error occurs:
wmgIH8j.png

```
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 662, in nf
    return f(*args, **kwargs)
File "/usr/local/lib/python3.6/site-packages/middlewared/plugins/jail.py", line 149, in create_job
    empty=empty)
File "/usr/local/lib/python3.6/site-packages/iocage/lib/iocage.py", line 588, in create
    exit_on_error=self.exit_on_error).create_jail()
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_create.py", line 87, in create_jail
    return self._create_jail(jail_uuid, location)
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_create.py", line 176, in _create_jail
    config = self.create_config(jail_uuid, cloned_release)
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_create.py", line 507, in create_config
    jail_props = ioc_json.json_check_default_config()
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 1761, in json_check_default_config
    self.json_write(default_props, default_json_location)
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_json.py", line 426, in json_write
    json.dump(data, out, sort_keys=True, indent=4, ensure_ascii=False)
File "/usr/local/lib/python3.6/contextlib.py", line 88, in __exit__
```

```
next(self.gen)
File "/usr/local/lib/python3.6/site-packages/iocage/lib/ioc_common.py", line 430, in open_atomic
os.chmod(filepath, 0o644)
PermissionError: [Errno 1] Operation not permitted: '/mnt/wd/iocage/defaults.json'
"""

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/job.py", line 332, in run
await self.future
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/job.py", line 356, in __run_body
rv = await self.middleware._call_worker(self.serviceobj, self.method_name, *self.args, job={'id': self.id})
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
File "/usr/local/lib/python3.6/site-packages/middlewared/main.py", line 977, in _call_worker
job,
File "/usr/local/lib/python3.6/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
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/asyncio/coroutines.py", line 129, in throw
return self.gen.throw(type, value, traceback)
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))
PermissionError: [Errno 1] Operation not permitted: '/mnt/wd/iocage/defaults.json'
```

Related issues:

Has duplicate FreeNAS - Bug #38185: Cant install plugin

Closed

History

#1 - 07/16/2018 06:31 AM - Dru Lavigne

- Assignee changed from Release Council to Erin Clark
- Target version changed from Backlog to 11.2-BETA2

#2 - 07/16/2018 06:31 AM - Dru Lavigne

- Private changed from No to Yes

#3 - 07/16/2018 03:30 PM - Erin Clark

- Assignee changed from Erin Clark to Lola Yang

#5 - 07/17/2018 05:54 PM - Lola Yang

- Category changed from GUI (new) to Middleware
- Assignee changed from Lola Yang to Brandon Schneider

#7 - 07/18/2018 05:05 AM - William Grzybowski

- Status changed from Unscreened to Blocked
- Assignee changed from Brandon Schneider to William Grzybowski
- Reason for Blocked set to Waiting for feedback

Did you change the permissions of /mnt/wd recursively?

What are the permissions of /mnt/wd/iocage dir and beneath it?

#8 - 07/18/2018 05:10 AM - Roman M

William Grzybowski wrote:

Did you change the permissions of /mnt/wd recursively?

What are the permissions of /mnt/wd/iocage dir and beneath it?

bccrB4w.png

I cant check the permission on the iocage folder, what is the command line tool to do so?

#9 - 07/18/2018 05:11 AM - William Grzybowski

Roman M wrote:

William Grzybowski wrote:

Did you change the permissions of /mnt/wd recursively?

What are the permissions of /mnt/wd/iocage dir and beneath it?

bccrB4w.png

I cant check the permission on the iocage folder, what is the command line tool to do so?

ls -la /mnt/wd/iocage

#10 - 07/18/2018 05:14 AM - Roman M

William Grzybowski wrote:

ls -la /mnt/wd/iocage

6lIL2V6.png

#11 - 07/18/2018 06:33 AM - William Grzybowski

Roman M wrote:

William Grzybowski wrote:

```
ls -la /mnt/wd/iocage
```

6lIL2V6.png

Looks like you have ACL set on /mnt/wd/iocage, you need to remove those.

#12 - 07/18/2018 06:39 AM - Roman M

William Grzybowski wrote:

Looks like you have ACL set on /mnt/wd/iocage, you need to remove those.

How can I do that? I never created the iocage folder in the first place...

#13 - 07/18/2018 07:12 AM - William Grzybowski

Roman M wrote:

William Grzybowski wrote:

Looks like you have ACL set on /mnt/wd/iocage, you need to remove those.

How can I do that? I never created the iocage folder in the first place...

So you tried to create a jail after setting Windows ACL to /mnt/wd?

Try this:

```
zfs set aclmode=passthrough wd/iocage
zfs set aclinherit=passthrough wd/iocage
setfacl -b /mnt/wd/iocage
```

#14 - 07/18/2018 12:37 PM - William Grzybowski

- Assignee changed from William Grzybowski to Brandon Schneider
- Target version changed from 11.2-BETA2 to 11.2-BETA3

Brandon,

For RC1, when iocage creates the dataset, I believe we need to make sure the dataset is created with unix acl, not inheriting the parent dataset.

#15 - 07/18/2018 03:12 PM - William Grzybowski

- Has duplicate Bug #38185: Cant install plugin added

#16 - 07/19/2018 06:37 AM - Dru Lavigne

- Status changed from Blocked to Unscreened
- Reason for Blocked deleted (Waiting for feedback)

#18 - 07/24/2018 01:52 PM - Brandon Schneider

- Status changed from Unscreened to In Progress

#19 - 07/24/2018 02:01 PM - Brandon Schneider

- Status changed from In Progress to Ready for Testing

PR: <https://github.com/freenas/iocage/pull/5>

DESC: Use unix ACL on iocage datasets

RISK: Low

ACCEPTANCE: Destroy all iocage datasets including the root (zfs destroy -r POOL/iocage) and then do iocage list to recreate them. Verify aclmode is passthrough.

#20 - 07/25/2018 06:29 AM - Dru Lavigne

- Status changed from Ready for Testing to In Progress

#21 - 07/25/2018 08:06 AM - Dru Lavigne

- Target version changed from 11.2-BETA3 to 11.2-BETA2

#22 - 07/25/2018 08:07 AM - Dru Lavigne

- File deleted (debug.tgz)

#23 - 07/25/2018 08:08 AM - Dru Lavigne

- Subject changed from Cant create a jail to Use UNIX ACLs on iocage datasets
- Private changed from Yes to No
- Needs Doc changed from Yes to No

#24 - 07/26/2018 03:52 AM - Roman M

Brandon Schneider wrote:

PR: <https://github.com/freenas/iocage/pull/5>

DESC: Use unix ACL on iocage datasets

RISK: Low

ACCEPTANCE: Destroy all iocage datasets including the root (zfs destroy -r POOL/iocage) and then do iocage list to recreate them. Verify aclmode is passthrough.

Hi I tried to do this but got the following result:

q4puziO.png

#25 - 07/26/2018 05:02 AM - William Grzybowski

Roman M wrote:

Brandon Schneider wrote:

PR: <https://github.com/freenas/iocage/pull/5>

DESC: Use unix ACL on iocage datasets

RISK: Low

ACCEPTANCE: Destroy all iocage datasets including the root (zfs destroy -r POOL/iocage) and then do iocage list to recreate them. Verify aclmode is passthrough.

Hi I tried to do this but got the following result:

q4puziO.png

Hi, this is not for you to try. These are steps for our QA team.

The fix will be available in BETA2. You will have to stop all jails and destroy all iocage datasets before trying again once the release is out.

#26 - 07/26/2018 05:03 AM - William Grzybowski

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

#27 - 07/26/2018 05:41 AM - Dru Lavigne

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

#28 - 07/26/2018 07:20 AM - Roman M

William Grzybowski wrote:

Hi, this is not for you to try. These are steps for our QA team.

The fix will be available in BETA2. You will have to stop all jails and destroy all iocage datasets before trying again once the release is out.

Ok, sorry

#29 - 07/30/2018 07:50 AM - Bonnie Follweiler

- Status changed from Ready for Testing to Passed Testing

- Needs QA changed from Yes to No

Test Passed in FreeNAS-11.2-MASTER-201807300838
(Build Date: Jul 30, 2018 11:47)

Test Case:

DESC: Use unix ACL on iocage datasets

RISK: Low

ACCEPTANCE: Destroy all iocage datasets including the root (zfs destroy -r POOL/iocage) and then do iocage list to recreate them. Verify aclmode is passthrough (zfs get all | grep aclinherit).

#30 - 07/30/2018 08:05 AM - Dru Lavigne

- Status changed from Passed Testing to Done

#31 - 09/14/2018 01:43 PM - Roman M

This is with beta 3...

WaoalqW.png

Deleting the dataset gives an error too...

MDa6lW4.png

Ok following this guide it was solved, ty.

<https://forums.freenas.org/index.php?threads/iocage-set-up-itself-on-wrong-pool-how-can-i-move-it.61234/#post-435258>