

FreeNAS - Bug #25287

Autocreate iocage bridges

07/25/2017 12:13 AM - Patrick M. Hausen

Status:	Resolved	
Priority:	No priority	
Assignee:	Brandon Schneider	
Category:	Middleware	
Target version:	11.1-BETA1	
Seen in:	11.0-U2	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

Hi guys,

jails managed with iocage are not started when the FreeNAS box boots. Of course I did

```
iocage set boot=on <jail>
```

After the system booted I logged in via ssh and tried

```
service iocage start
```

only to be told I had to enable it ;) OK, so far, so expectable. I manually created a tunable of type rc.conf setting

```
iocage_enable=YES
```

and it did start. Only networking in my jail was completely dysfunctional. No device vnet0 at all. When I later tried

```
iocage stop <jail>  
iocage start <jail>
```

that fixed the problem for the moment, but I depend on jails coming up correctly at boot time ... (including the necessary bridge0/vnet config, of course).

Kind regards,
Patrick

History

#1 - 07/25/2017 04:18 AM - Dru Lavigne

- Assignee changed from Release Council to Brandon Schneider

- Target version set to 11.1

Brandon: I wasn't sure if this was the same or just a similar issue to 25036.

#2 - 07/25/2017 04:22 AM - Patrick M. Hausen

Clarification: after setting the tunable and **reboot** the jail did start but only without networking. Then, without another reboot, manual stop and start fixed the networking issue.

Patrick

#3 - 07/25/2017 08:30 PM - Brandon Schneider

- Status changed from Unscreened to Investigation

Hey Patrick!

Do you have this issue with `iocage stop --rc` and `iocage start --rc` on the command line as well?

#4 - 07/26/2017 04:41 AM - Patrick M. Hausen

```
root@freenas-pmh:~ # iocage list
+-----+-----+-----+-----+-----+-----+
| JID |   UUID   | STATE |          TAG          |   RELEASE   |   IP4   |
+-----+-----+-----+-----+-----+-----+
| 3   | b921488a | up    | 2017-07-24@19:58:33:237869 | 11.0-RELEASE | 217.29.46.102 |
+-----+-----+-----+-----+-----+-----+
root@freenas-pmh:~ # iocage stop --rc b921488a
b921488a-9c08-4699-a0dd-2e0147ca0a7f (2017-07-24@19:58:33:237869) is already running!
root@freenas-pmh:~ # iocage stop --rc
b921488a-9c08-4699-a0dd-2e0147ca0a7f (2017-07-24@19:58:33:237869) is already running!
root@freenas-pmh:~ # iocage stop b921488a
* Stopping b921488a-9c08-4699-a0dd-2e0147ca0a7f (2017-07-24@19:58:33:237869)
  + Running prestop OK
  + Stopping services OK
  + Removing jail process OK
  + Running poststop OK
root@freenas-pmh:~ # iocage start --rc
root@freenas-pmh:~ # iocage list
+-----+-----+-----+-----+-----+-----+
| JID |   UUID   | STATE |          TAG          |   RELEASE   |   IP4   |
+-----+-----+-----+-----+-----+-----+
| 4   | b921488a | up    | 2017-07-24@19:58:33:237869 | 11.0-RELEASE | 217.29.46.102 |
+-----+-----+-----+-----+-----+-----+
root@freenas-pmh:~ # iocage console b921488a
Last login: Mon Jul 24 23:10:50 on pts/0
FreeBSD 11.0-STABLE (FreeNAS.amd64) #0 r313908+d7d07647f69(freenas/11.0-stable): Thu Jul 20 19:01:05 UTC 2017

Welcome to FreeBSD!
[...]
root@dhcp:~ # ifconfig
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> metric 0 mtu 16384
options=600003<RXCSUM, TXCSUM, RXCSUM_IPV6, TXCSUM_IPV6>
inet6 ::1 prefixlen 128
inet6 fe80::1%lo0 prefixlen 64 scopeid 0x1
inet 127.0.0.1 netmask 0xff000000
nd6 options=21<PERFORMNUD,AUTO_LINKLOCAL>
groups: lo
vnet0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500
options=8<VLAN_MTU>
ether 02:ff:60:00:00:01
inet 217.29.46.102 netmask 0xffffffe0 broadcast 217.29.46.127
nd6 options=1<PERFORMNUD>
media: Ethernet 10Gbase-T (10Gbase-T <full-duplex>)
status: active
groups: epair
```

So, no issue if the FreeNAS box is already up and running. I suspect the bridge0 interface is not created when iocage is started at boot time. I have a bhyve VM on that box as well, so when everything's finished booting and I start the jails manually, bridge0 is already there and everything works.

HTH,
Patrick

#5 - 07/26/2017 08:02 PM - Brandon Schneider

Thanks Patrick.

I suspect it might be a couple things, we'll circle back once I get a new iocage in nightlies.

#6 - 08/14/2017 07:52 AM - Dru Lavigne

- Status changed from Investigation to 46

#7 - 08/30/2017 12:28 PM - Brandon Schneider

- Status changed from 46 to Ready For Release

iocage now creates bridges for you, this issue can be considered solved

#8 - 09/01/2017 08:11 AM - Dru Lavigne

- Subject changed from iocage managed jails are not started at boot to Autocreate iocage bridges

#9 - 09/27/2017 06:57 AM - Dru Lavigne

- Target version changed from 11.1 to 11.1-BETA1

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

- Status changed from Ready For Release to Resolved

#11 - 11/06/2017 11:57 AM - Joe Maloney

- Needs QA changed from Yes to No

- QA Status Test Passes FreeNAS added

- QA Status deleted (Not Tested)