FreeBSD Administration - Feature #789

Enable SysVIPC in a FreeNAS Jail

04/02/2016 01:54 PM - Daniel Curtis

Status:	Closed	**Start date:**	04/03/2016
Priority:	Normal	**Due date:**	
Assignee:	Daniel Curtis	**% Done:**	100%
Category:	Network Attached Storage	**Estimated time:**	0.50 hour
Target version:	FreeNAS 9.x	**Spent time:**	0.50 hour

Description

I recently tried to install PostgreSQL in a FreeNAS 9.10 jail, only to see that SysVIPC must be enabled in the jail for it to work. This is a simple procedure for enabling SysVIPC in a FreeNAS 9.10 jail.

Enable SysVIPC on the Host

- Log into the FreeNAS administration panel and go to System -> Tunables

- Next click Add Tunable and add the following:
    1. Variable: **security.jail.sysvipc_allowed**
    2. Value: **1**
    3. Type: **Sysctl**
    4. Comment: **Enable SysVIPC**
    5. Enabled: **[X]**

- **Reboot** the FreeNAS machine, just to be safe.

Create a SysVIPC Enabled Jail

- From the FreeNAS administration interface, go to Jails.

- Next click Add Jail and add the following:
    - Jail Name: **jail.example.com**
    - Sysctls: **allow.sysvipc=1**
      NOTE: Make sure if appending the sysctl to additional options to use comma separation, example allow.raw_sockets=true,allow.sysvipc=1

- Click **OK**

Now the jail.exmaple.com will have SysVIPC available for programs to use.

History

#1 - 04/02/2016 01:57 PM - Daniel Curtis

- Description updated

- Status changed from New to Resolved

- % Done changed from 0 to 100

#2 - 04/09/2016 10:18 AM - Daniel Curtis

- Status changed from Resolved to Closed

#3 - 05/20/2016 10:23 AM - Daniel Curtis

- Description updated