FreeBSD Administration - Bug #533

Problem Installing pfSense Failed With a Return Code of 1

01/17/2015 10:39 AM - Daniel Curtis

Status:	Closed	**Start date:**	01/17/2015
Priority:	High	**Due date:**	
Assignee:	Daniel Curtis	**% Done:**	100%
Category:	Firewall/Router	**Estimated time:**	1.00 hour
Target version:	pfSense 2.1.5	**Spent time:**	1.00 hour

Description

I recently decided to install pfSense on an old i386 machine. The setup used the installer disc to install on a 40GB hard drive.

I began the installer by:

1. Boot from pfSense Live Install Disc
2. When prompted I pressed **I** to start the installer
3. When the installer menu came up I chose **Quick and Easy Setup**

The problem I came across happened during the install process with the following error:

> Execution of the command
> /sbin/fdisk -v -f /tmp/new.fdisk ad0
> FAILED with a return code of 1.

Resizing the partition to 30GB

I found that the current pfSense 2.1.5 installer fails to install on partitions larger than 30GB. To work around the error, I rebooted the pfSense installer disc and instead of booting the installer setup, I allowed the allowed it to boot until the prompt for configuring VLANs, I just chose **N** for this, because I just needed access to the shell.

1. When the numbered prompt appeared, I pressed

   ```
   8
   ```

2. When the shell appeared, I ran the following:

   ```
   gpart show ad0
   ```

3. This will display the hard drive and partitions, next I resized the partition to 30GB:

   ```
   gpart -i 1 -s 30GB ad0
   ```

4. I then exited the shell:

   ```
   exit
   ```

5. Then reran the installer:

   ```
   99
   ```

6. Next I chose a **Custom Install**
7. I **skipped** the **formatting step**
8. I also **skipped** the **partitioning step**
9. I chose **Accept and create bootblocks**
10. The same error came up while installing again, however I **skipped** the **error**
11. I then chose **Accept and create subpartitions**

12. And then selected the **Symmetric Multi Processing** kernel
13. And finally I **rebooted**

This workaround managed to solve this problem for me.

History

#1 - 01/21/2015 07:38 AM - Daniel Curtis

- Description updated

- Status changed from New to In Progress

- Estimated time set to 1.00 h

#2 - 01/24/2015 03:28 PM - Daniel Curtis

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

#3 - 01/27/2015 11:17 AM - Daniel Curtis

- Status changed from Resolved to Closed

#4 - 02/14/2015 10:47 AM - Daniel Curtis

- Target version set to pfSense 2.1.5

#5 - 02/14/2015 12:03 PM - Daniel Curtis

- Category set to Firewall/Router