

## pfSense - Bug #9409

### Crash dumps cannot be saved when RAM disks are enabled for /var

03/18/2019 11:43 AM - Jim Pingle

<b>Status:</b>	Resolved	<b>Start date:</b>	03/18/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jim Pingle	<b>% Done:</b>	100%
<b>Category:</b>	Operating System	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.4.4-p3		
<b>Affected Version:</b>	All	<b>Affected Architecture:</b>	All

#### Description

When a system has RAM disks enabled for /var, the /var/crash directory is missing at bootup when the OS attempts to save crash dumps. As such, the dumps cannot be saved.

#### Associated revisions

##### Revision b39d6153 - 03/18/2019 11:44 AM - Jim Pingle

Create /var/crash after creating /var RAM disk. Fixes #9409

##### Revision e788a9e2 - 03/18/2019 11:44 AM - Jim Pingle

Create /var/crash after creating /var RAM disk. Fixes #9409

(cherry picked from commit b39d615394eabd2d19afef0936219c609ef602e3)

#### History

##### #1 - 03/18/2019 11:50 AM - Jim Pingle

- Status changed from New to Feedback
- % Done changed from 0 to 100

Applied in changeset [b39d615394eabd2d19afef0936219c609ef602e3](#).

##### #2 - 05/11/2019 04:47 PM - Jim Pingle

- Target version changed from 2.5.0 to 2.4.4-p3

##### #3 - 05/14/2019 10:30 AM - Constantine Kormashev

Tried on 2.4.4-p3. Set RAM Disk Size to 100 (enable swap) and perform sysctl debug.kdb.panic=1, /var/crash contains dump:

```
ls -lh /var/crash/
total 116
-rw-r--r-- 1 root wheel 2B May 14 18:26 bounds
-rw----- 1 root wheel 519B May 14 18:26 info.0
lrwxr-xr-x 1 root wheel 6B May 14 18:26 info.last -> info.0
-rw----- 1 root wheel 105K May 14 18:26 textdump.tar.0
lrwxr-xr-x 1 root wheel 14B May 14 18:26 textdump.tar.last -> textdump.tar.0
```

**#4 - 05/14/2019 10:32 AM - Jim Pingle**

- *Status changed from Feedback to Resolved*