# hack4glarus-2019-summer - Task #6751

## Create a new OpenBSD service: systemd

06/01/2019 11:35 AM - Nico Schottelius

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|---|---|---|---|---|
| **Status:** | Closed | | **Start date:** | 06/01/2019 |
| **Priority:** | Normal | | **Due date:** | |
| **Assignee:** | Reyk Floeter | | **% Done:** | 100% |
| **Category:** | | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | | |
| **PM Check date:** | | | | |

### Description

Designed and discussed by Moritz and me on the sunny bench:

systemd in openbsd should be used to ensure that systems are reliably working. For that reason, systemd will do the following actions on random times:

- Randomly delete files
- Randomly delete directories
- Randomly kill processes
- Randomly write to (mounted) block devices
- Randomly reboot
- Randomly reorder/shuffle file content
- Randomly rename files (i.e. replace /etc/passwd with /lib/libc.co)
- Randomly move files around in the filesystem
- Randomly change file and directory permissions
- Randomly panic
- Randomly connect to random IPv{6,4} addresses with tcp, udp, sctp
- Randomly drop network packets
- Randomly replay network packets
- Randomly remove or add pf rules
- Randomly add, change or remove DNS servers
- Randomly change the time to change something random
- Randomly change the public ssh key (and back)

Might also need to be ported to FreeBSD.

### History

**#1 - 06/01/2019 12:07 PM - Nico Schottelius**

*- Description updated*

**#2 - 06/01/2019 01:15 PM - Nico Schottelius**

*- Description updated*

**#3 - 06/01/2019 01:15 PM - Nico Schottelius**

*- Description updated*

**#4 - 06/02/2019 08:43 PM - Nico Schottelius**

*- Status changed from New to Resolved*

Thanks everyone for participating! It was great seeing all of you!

**#5 - 06/02/2019 08:45 PM - Nico Schottelius**

*- Status changed from Resolved to Closed*

**#6 - 06/28/2019 01:42 PM - Reyk Floeter**

*- % Done changed from 0 to 100*

https://github.com/reyk/systemd-openbsd

**#7 - 06/28/2019 01:54 PM - Nico Schottelius**

:+1: (doesn't work here, but you-know-what-i-mean)