

Infrastructure - Task #8739

Attempting to set ulimit results in error on UCSB systems

2018-11-06 12:02 - Dave Vieglais

Status:	In Progress	Start date:	2018-11-05
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	30%
Category:	d1_process_daemon	Estimated time:	0.00 hour
Target version:		Story Points:	
Milestone:	None		
Product Version:	*		

Description

d1-processing attempts to set ulimit in the startup script:

```
ulimit -Hn 16384
ulimit -Sn 16384
```

This was necessary because the limit was previously too low (1024 or 4096). The low limits are quite conservative and could be raised system wide. In order for the startup script to work as expected regardless of the system setting, a test should be added, something like:

```
if (( $(ulimit -n) < 16384 )); then
    ulimit -Hn 16384
    ulimit -Sn 16384
fi
```

will ensure ulimits are set as needed for the application.

History

- #1 - 2018-11-08 15:09 - Dave Vieglais
- Added to dataone-cn-processdaemon/etc/init.d/d1-processing in trunk
- #2 - 2018-11-08 15:10 - Dave Vieglais
- % Done changed from 0 to 30
- Status changed from New to In Progress