

## Infrastructure - Bug #3549

### jsvc logging error and out files grow too large

2013-02-06 20:22 - Robert Waltz

<b>Status:</b>	Closed	<b>Start date:</b>	2013-02-06
<b>Priority:</b>	Normal	<b>Due date:</b>	2014-04-12
<b>Assignee:</b>	David Doyle	<b>% Done:</b>	100%
<b>Category:</b>	d1_process_daemon	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2014.14-Block.2.3	<b>Story Points:</b>	
<b>Milestone:</b>	CCI-1.3		
<b>Product Version:</b>			
<b>Description</b>			
look at how we redirect io from jsvc.			
play around with StdOutErrLog. maybe redirect the stdout/err to nothing, ignore it.			
also see <a href="http://gabenell.blogspot.com/2009/11/working-around-jsvcs-logging.html">http://gabenell.blogspot.com/2009/11/working-around-jsvcs-logging.html</a>			
<a href="http://www.mooreds.com/wordpress/archives/332">http://www.mooreds.com/wordpress/archives/332</a>			

#### History

##### #1 - 2013-02-06 20:27 - Robert Waltz

- Description updated

##### #2 - 2013-03-01 19:25 - Robert Waltz

- Target version changed from 2013.6-Block.1.3 to 2013.10-Block.2.1

- Due date changed from 2013-02-06 to 2013-03-16

##### #3 - 2013-06-05 04:49 - Robert Waltz

- Due date changed from 2013-03-16 to 2013-06-22

- Target version changed from 2013.10-Block.2.1 to 2013.24-Block.3.4

##### #4 - 2013-08-02 17:47 - Chris Jones

- Due date changed from 2013-06-22 to 2013-08-24

- Assignee changed from Robert Waltz to David Doyle

- Target version changed from 2013.24-Block.3.4 to 2013.33-Block.4.4

- Milestone changed from CCI-1.1.2 to CCI-1.3

Log files for jsvc in /var/log/dataone/daemon, etc. get too large. Incorporate them into log rotate's schedule.

##### #5 - 2014-01-06 18:10 - David Doyle

- Target version changed from 2013.33-Block.4.4 to 2014.2-Block.1.1

- Due date changed from 2013-08-24 to 2014-01-18

##### #6 - 2014-01-14 22:53 - David Doyle

The following files have been added to /etc/logrotate.d on the sandbox CNs, with rollout to the remaining environments happening this evening.

(EDIT 2/10/2014: added dataone-processing-jsvc-err below.)

---

dataone-index-jsvc:

```
/var/log/dataone/index/*-jsvc.err {  
size 50M  
copytruncate  
compress  
delaycompress  
rotate 52  
}
```

dataone-processing-jsvc:

```
/var/log/dataone/daemon/d1-processing-jsvc.log {  
size 50M  
copytruncate  
compress  
delaycompress  
rotate 52  
}
```

dataone-processing-jsvc-err

```
/var/log/dataone/daemon/d1-processing-jsvc.err {  
size 50M  
copytruncate  
compress  
delaycompress  
rotate 52  
}
```

**#7 - 2014-01-14 22:53 - David Doyle**

- *Status changed from New to In Progress*

**#8 - 2014-01-15 04:47 - David Doyle**

- *% Done changed from 0 to 70*

Non-prod environments complete. Will finish out with prod tomorrow.

**#9 - 2014-01-16 03:18 - David Doyle**

- *% Done changed from 70 to 90*

- *Status changed from In Progress to Testing*

Prod CNs complete. Leaving this open in testing until a couple of logs rotate out to test.

**#10 - 2014-02-10 06:20 - David Doyle**

Testing revealed error in logrotate due to errant wildcard in dataone-processing-jsvc config file. Logs were rotating, then rotating again immediately, which became worse as more logs were created. Config file dataone-index-jsvc appears to be rotating normally.

Changes made across all CNs:

dataone-processing-jsvc changed from catchall to single-file for dataone-processing-jsvc.log  
dataone-processing-jsvc-err added to rotate dataone-processing-jsvc.err

To do:

Log directory cleanup to remove/rename bad logs

**#11 - 2014-02-26 21:03 - David Doyle**

Cleaned up remaining log directories. Induced log rotation where necessary to test configs. Leaving in testing to remind myself to check periodically.

**#12 - 2014-03-14 17:12 - David Doyle**

- Due date changed from 2014-01-18 to 2014-03-01
- Target version changed from 2014.2-Block.1.1 to 2014.8-Block.1.4

**#13 - 2014-03-14 17:13 - David Doyle**

- Due date changed from 2014-03-01 to 2014-03-29
- Target version changed from 2014.8-Block.1.4 to 2014.12-Block.2.2

**#14 - 2014-03-31 17:35 - David Doyle**

- Due date changed from 2014-03-29 to 2014-04-12
- Target version changed from 2014.12-Block.2.2 to 2014.14-Block.2.3

**#15 - 2014-04-28 16:20 - David Doyle**

- Status changed from Testing to Closed
- % Done changed from 90 to 100

Done.

**#16 - 2014-09-10 04:43 - David Doyle**

While working on another issue, I found that these changes weren't pushed to cn-dev-orc-1 after the last rebuild.

Added logrotate configs, forced a rotate.