

## ANNIE - Support #17815

### Remove v4data from pnfs to free space

10/02/2017 07:17 PM - Marcus O'flaherty

<b>Status:</b>	Resolved	<b>Start date:</b>	10/02/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	10/02/2017
<b>Assignee:</b>	Marcus O'flaherty	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour

#### Description

Using A Kreymer's script to remove v4data copy from pnfs:  
steps taken outlined below, as per issue 17603.

```
$ echo ${RUNS}
```

```
0266 0267 0268 0269 0270 0271 0272 0274 0275 0276 0277 0279 0280 0281 0282 0283 0285 0287 0288 0289 0290 0291 0292  
0294 0297 0298 0299 0300 0302 0303 0304 0305 0306 0308 0310 0312 0313 0314 0315 0319 0320 0321 0322 0323 0324 0325  
0328 0329 0332 0333 0334 0335 0336 0337 0338 0339 0340 0342 0347 0349 0350 0351 0353 0354 0355 0356 0357 0358 0361
```

```
$ echo ${RUNS} | wc -w
```

```
69
```

```
$ for RUN in ${RUNS}; do ${HOME}/archiver/transient v4data ${RUN}; done | tee /dev/shm/v4pre
```

```
$ grep -v ^rm /dev/shm/v4pre
```

```
RUN transient v4data 0266
```

```
Version 20161225 Mon Oct 2 19:00:43 CDT 2017
```

```
223831 /pnfs/annie/persistent/raw/v4data/0266
```

```
DONE Mon Oct 2 19:00:52 CDT 2017
```

```
RUN transient v4data 0267
```

```
Version 20161225 Mon Oct 2 19:00:52 CDT 2017
```

```
106085 /pnfs/annie/persistent/raw/v4data/0267
```

```
DONE Mon Oct 2 19:00:57 CDT 2017
```

```
RUN transient v4data 0268
```

```
Version 20161225 Mon Oct 2 19:00:57 CDT 2017
```

```
23193 /pnfs/annie/persistent/raw/v4data/0268
```

```
DONE Mon Oct 2 19:00:59 CDT 2017
```

```
RUN transient v4data 0269
```

```
Version 20161225 Mon Oct 2 19:00:59 CDT 2017
```

```
470 /pnfs/annie/persistent/raw/v4data/0269
```

```
DONE Mon Oct 2 19:00:59 CDT 2017
```

```
RUN transient v4data 0270
```

```
Version 20161225 Mon Oct 2 19:00:59 CDT 2017
```

```
347 /pnfs/annie/persistent/raw/v4data/0270
```

```
DONE Mon Oct 2 19:00:59 CDT 2017
```

```
RUN transient v4data 0271
```

```
Version 20161225 Mon Oct 2 19:00:59 CDT 2017
```

```
1121 /pnfs/annie/persistent/raw/v4data/0271
```

```
DONE Mon Oct 2 19:00:59 CDT 2017
```

```
RUN transient v4data 0272
```

```
Version 20161225 Mon Oct 2 19:00:59 CDT 2017
```

```
347 /pnfs/annie/persistent/raw/v4data/0272
```

```
DONE Mon Oct 2 19:00:59 CDT 2017
```

```
RUN transient v4data 0274
```

```
Version 20161225 Mon Oct 2 19:00:59 CDT 2017
```

```
346 /pnfs/annie/persistent/raw/v4data/0274
```

DONE Mon Oct 2 19:00:59 CDT 2017

RUN transient v4data 0275

Version 20161225 Mon Oct 2 19:00:59 CDT 2017

1103 /pnfs/annie/persistent/raw/v4data/0275

DONE Mon Oct 2 19:00:59 CDT 2017

RUN transient v4data 0276

Version 20161225 Mon Oct 2 19:00:59 CDT 2017

488 /pnfs/annie/persistent/raw/v4data/0276

DONE Mon Oct 2 19:00:59 CDT 2017

RUN transient v4data 0277

Version 20161225 Mon Oct 2 19:00:59 CDT 2017

432 /pnfs/annie/persistent/raw/v4data/0277

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0279

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

550 /pnfs/annie/persistent/raw/v4data/0279

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0280

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0280

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0281

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0281

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0282

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0282

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0283

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0283

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0285

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0285

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0287

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0287

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0288

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0288

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0289

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0289

DONE Mon Oct 2 19:01:00 CDT 2017

RUN transient v4data 0290

Version 20161225 Mon Oct 2 19:01:00 CDT 2017

1 /pnfs/annie/persistent/raw/v4data/0290

DONE Mon Oct 2 19:01:01 CDT 2017

RUN transient v4data 0291  
Version 20161225 Mon Oct 2 19:01:01 CDT 2017  
132 /pnfs/annie/persistent/raw/v4data/0291  
DONE Mon Oct 2 19:01:01 CDT 2017

RUN transient v4data 0292  
Version 20161225 Mon Oct 2 19:01:01 CDT 2017  
1847 /pnfs/annie/persistent/raw/v4data/0292  
DONE Mon Oct 2 19:01:01 CDT 2017

RUN transient v4data 0294  
Version 20161225 Mon Oct 2 19:01:01 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0294  
DONE Mon Oct 2 19:01:01 CDT 2017

RUN transient v4data 0297  
Version 20161225 Mon Oct 2 19:01:01 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0297  
DONE Mon Oct 2 19:01:01 CDT 2017

RUN transient v4data 0298  
Version 20161225 Mon Oct 2 19:01:01 CDT 2017  
11978 /pnfs/annie/persistent/raw/v4data/0298  
DONE Mon Oct 2 19:01:01 CDT 2017

RUN transient v4data 0299  
Version 20161225 Mon Oct 2 19:01:01 CDT 2017  
161 /pnfs/annie/persistent/raw/v4data/0299  
DONE Mon Oct 2 19:01:02 CDT 2017

RUN transient v4data 0300  
Version 20161225 Mon Oct 2 19:01:02 CDT 2017  
21 /pnfs/annie/persistent/raw/v4data/0300  
DONE Mon Oct 2 19:01:02 CDT 2017

RUN transient v4data 0302  
Version 20161225 Mon Oct 2 19:01:02 CDT 2017  
69 /pnfs/annie/persistent/raw/v4data/0302  
DONE Mon Oct 2 19:01:02 CDT 2017

RUN transient v4data 0303  
Version 20161225 Mon Oct 2 19:01:02 CDT 2017  
40 /pnfs/annie/persistent/raw/v4data/0303  
DONE Mon Oct 2 19:01:02 CDT 2017

RUN transient v4data 0304  
Version 20161225 Mon Oct 2 19:01:02 CDT 2017  
906 /pnfs/annie/persistent/raw/v4data/0304  
DONE Mon Oct 2 19:01:02 CDT 2017

RUN transient v4data 0305  
Version 20161225 Mon Oct 2 19:01:02 CDT 2017  
93159 /pnfs/annie/persistent/raw/v4data/0305  
DONE Mon Oct 2 19:01:07 CDT 2017

RUN transient v4data 0306  
Version 20161225 Mon Oct 2 19:01:07 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0306  
DONE Mon Oct 2 19:01:07 CDT 2017

RUN transient v4data 0308  
Version 20161225 Mon Oct 2 19:01:07 CDT 2017  
6699 /pnfs/annie/persistent/raw/v4data/0308  
DONE Mon Oct 2 19:01:07 CDT 2017

RUN transient v4data 0310  
Version 20161225 Mon Oct 2 19:01:07 CDT 2017

42358 /pnfs/annie/persistent/raw/v4data/0310  
DONE Mon Oct 2 19:01:09 CDT 2017

RUN transient v4data 0312  
Version 20161225 Mon Oct 2 19:01:09 CDT 2017  
51505 /pnfs/annie/persistent/raw/v4data/0312  
DONE Mon Oct 2 19:01:11 CDT 2017

RUN transient v4data 0313  
Version 20161225 Mon Oct 2 19:01:11 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0313  
DONE Mon Oct 2 19:01:11 CDT 2017

RUN transient v4data 0314  
Version 20161225 Mon Oct 2 19:01:11 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0314  
DONE Mon Oct 2 19:01:11 CDT 2017

RUN transient v4data 0315  
Version 20161225 Mon Oct 2 19:01:11 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0315  
DONE Mon Oct 2 19:01:11 CDT 2017

RUN transient v4data 0319  
Version 20161225 Mon Oct 2 19:01:11 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0319  
DONE Mon Oct 2 19:01:11 CDT 2017

RUN transient v4data 0320  
Version 20161225 Mon Oct 2 19:01:11 CDT 2017  
118714 /pnfs/annie/persistent/raw/v4data/0320  
DONE Mon Oct 2 19:01:16 CDT 2017

RUN transient v4data 0321  
Version 20161225 Mon Oct 2 19:01:16 CDT 2017  
126132 /pnfs/annie/persistent/raw/v4data/0321  
DONE Mon Oct 2 19:01:22 CDT 2017

RUN transient v4data 0322  
Version 20161225 Mon Oct 2 19:01:22 CDT 2017  
46708 /pnfs/annie/persistent/raw/v4data/0322  
DONE Mon Oct 2 19:01:24 CDT 2017

RUN transient v4data 0323  
Version 20161225 Mon Oct 2 19:01:24 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0323  
DONE Mon Oct 2 19:01:24 CDT 2017

RUN transient v4data 0324  
Version 20161225 Mon Oct 2 19:01:24 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0324  
DONE Mon Oct 2 19:01:24 CDT 2017

RUN transient v4data 0325  
Version 20161225 Mon Oct 2 19:01:24 CDT 2017  
61326 /pnfs/annie/persistent/raw/v4data/0325  
DONE Mon Oct 2 19:01:26 CDT 2017

RUN transient v4data 0328  
Version 20161225 Mon Oct 2 19:01:26 CDT 2017  
38972 /pnfs/annie/persistent/raw/v4data/0328  
DONE Mon Oct 2 19:01:29 CDT 2017

RUN transient v4data 0329  
Version 20161225 Mon Oct 2 19:01:29 CDT 2017  
131577 /pnfs/annie/persistent/raw/v4data/0329  
DONE Mon Oct 2 19:01:34 CDT 2017

RUN transient v4data 0332  
Version 20161225 Mon Oct 2 19:01:34 CDT 2017  
916 /pnfs/annie/persistent/raw/v4data/0332  
DONE Mon Oct 2 19:01:34 CDT 2017

RUN transient v4data 0333  
Version 20161225 Mon Oct 2 19:01:34 CDT 2017  
1 /pnfs/annie/persistent/raw/v4data/0333  
DONE Mon Oct 2 19:01:34 CDT 2017

RUN transient v4data 0334  
Version 20161225 Mon Oct 2 19:01:34 CDT 2017  
26531 /pnfs/annie/persistent/raw/v4data/0334  
DONE Mon Oct 2 19:01:35 CDT 2017

RUN transient v4data 0335  
Version 20161225 Mon Oct 2 19:01:35 CDT 2017  
167561 /pnfs/annie/persistent/raw/v4data/0335  
DONE Mon Oct 2 19:01:42 CDT 2017

RUN transient v4data 0336  
Version 20161225 Mon Oct 2 19:01:42 CDT 2017  
121282 /pnfs/annie/persistent/raw/v4data/0336  
DONE Mon Oct 2 19:01:47 CDT 2017

RUN transient v4data 0337  
Version 20161225 Mon Oct 2 19:01:47 CDT 2017  
163440 /pnfs/annie/persistent/raw/v4data/0337  
DONE Mon Oct 2 19:01:54 CDT 2017

RUN transient v4data 0338  
Version 20161225 Mon Oct 2 19:01:54 CDT 2017  
66064 /pnfs/annie/persistent/raw/v4data/0338  
DONE Mon Oct 2 19:01:57 CDT 2017

RUN transient v4data 0339  
Version 20161225 Mon Oct 2 19:01:57 CDT 2017  
46763 /pnfs/annie/persistent/raw/v4data/0339  
DONE Mon Oct 2 19:01:59 CDT 2017

RUN transient v4data 0340  
Version 20161225 Mon Oct 2 19:01:59 CDT 2017  
48903 /pnfs/annie/persistent/raw/v4data/0340  
DONE Mon Oct 2 19:02:01 CDT 2017

RUN transient v4data 0342  
Version 20161225 Mon Oct 2 19:02:01 CDT 2017  
18415 /pnfs/annie/persistent/raw/v4data/0342  
DONE Mon Oct 2 19:02:02 CDT 2017

RUN transient v4data 0347  
Version 20161225 Mon Oct 2 19:02:02 CDT 2017  
37701 /pnfs/annie/persistent/raw/v4data/0347  
DONE Mon Oct 2 19:02:04 CDT 2017

RUN transient v4data 0349  
Version 20161225 Mon Oct 2 19:02:04 CDT 2017  
14550 /pnfs/annie/persistent/raw/v4data/0349  
DONE Mon Oct 2 19:02:04 CDT 2017

RUN transient v4data 0350  
Version 20161225 Mon Oct 2 19:02:04 CDT 2017  
282483 /pnfs/annie/persistent/raw/v4data/0350  
DONE Mon Oct 2 19:02:17 CDT 2017

RUN transient v4data 0351  
Version 20161225 Mon Oct 2 19:02:17 CDT 2017

```
14539 /pnfs/annie/persistent/raw/v4data/0351
DONE Mon Oct 2 19:02:18 CDT 2017
```

```
RUN transient v4data 0353
Version 20161225 Mon Oct 2 19:02:18 CDT 2017
147371 /pnfs/annie/persistent/raw/v4data/0353
DONE Mon Oct 2 19:02:25 CDT 2017
```

```
RUN transient v4data 0354
Version 20161225 Mon Oct 2 19:02:25 CDT 2017
44644 /pnfs/annie/persistent/raw/v4data/0354
DONE Mon Oct 2 19:02:27 CDT 2017
```

```
RUN transient v4data 0355
Version 20161225 Mon Oct 2 19:02:27 CDT 2017
10478 /pnfs/annie/persistent/raw/v4data/0355
DONE Mon Oct 2 19:02:28 CDT 2017
```

```
RUN transient v4data 0356
Version 20161225 Mon Oct 2 19:02:28 CDT 2017
38768 /pnfs/annie/persistent/raw/v4data/0356
DONE Mon Oct 2 19:02:29 CDT 2017
```

```
RUN transient v4data 0357
Version 20161225 Mon Oct 2 19:02:29 CDT 2017
7193 /pnfs/annie/persistent/raw/v4data/0357
DONE Mon Oct 2 19:02:30 CDT 2017
```

```
RUN transient v4data 0358
Version 20161225 Mon Oct 2 19:02:30 CDT 2017
9898 /pnfs/annie/persistent/raw/v4data/0358
DONE Mon Oct 2 19:02:30 CDT 2017
```

```
RUN transient v4data 0361
Version 20161225 Mon Oct 2 19:02:30 CDT 2017
35354 /pnfs/annie/persistent/raw/v4data/0361
DONE Mon Oct 2 19:02:32 CDT 2017
```

nothing out of the ordinary..

```
$ grep OOPS /dev/shm/v4pre
```

```
nothing
```

```
$ du -sh /pnfs/annie/persistent/raw/v4data
2.3T /pnfs/annie/persistent/raw/v4data
```

```
$ for RUN in ${RUNS}; do ${HOME}/archiver/transient v4data ${RUN} do; done
```

```
$ du -sh /pnfs/annie/persistent/raw/v4data
35K /pnfs/annie/persistent/raw/v4data
```