ANNIE - Support #17815

Remove v4data from pnfs to free space

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

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

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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
```

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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
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```
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
```