# D4Science Infrastructure - Incident #10063

## Mongo5-p-d4s: disk space is critical

Oct 25, 2017 06:32 PM - Roberto Cirillo

| | | | | |
|---|---|---|---|---|
| **Status:** | Closed | | **Start date:** | Oct 25, 2017 |
| **Priority:** | Urgent | | **Due date:** | |
| **Assignee:** | Roberto Cirillo | | **% Done:** | 100% |
| **Category:** | System Application | | **Estimated time:** | 0.00 hour |
| **Target version:** | Mongo5: disk space is critical | | | |
| **Infrastructure:** | Production | | | |

**Description**

We have just added 50 GB to mongo5 but the workload of the cluster is very increased in the last days so we need a strategy for recovering this node.Now we have only 50 GB and the disk space on the server is very critical.

**Related issues:**

| | | |
|---|---|---|
| Related to D4Science Infrastructure - Incident #10101: Mongo5-p-d4s: full bac... | **Closed** | **Oct 30, 2017** |

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**History**

**#1 - Oct 27, 2017 02:59 PM - Tommaso Piccioli**

*- Status changed from New to In Progress*

*- % Done changed from 0 to 50*

After some disk reallocation:

```
              Size  Used Avail Use% Mounted on
mongo1-p-d4s   10G  5.4G  4.7G  54% /          (Arbiter)

mongo2-p-d4s  1.4T  433G  966G  31% /data      (Secondary)
mongo3-p-d4s  1.4T  437G  961G  32% /data      (Secondary)
mongo4-p-d4s  1.4T  434G  964G  32% /data      (Primary at the moment)

mongo5-p-d4s  1.9T  875G  989G  47% /data      (Backup node)
```

mongo5-p-d4s will be fully resync with the rest of the cluster, this will free up more disk space.

**#2 - Oct 30, 2017 09:44 AM - Roberto Cirillo**

*- Status changed from In Progress to Closed*

*- % Done changed from 50 to 100*

Unfortunately the first full resync attempt was failed because this operation needs more RAM. The second attempt, with RAM increased from 4 to 8 GB has been successfully performed.
Now mongo5 is sinchronized with the others nodes.

**#3 - Oct 30, 2017 09:53 AM - Roberto Cirillo**

*- Related to Incident #10101: Mongo5-p-d4s: full backup not completed after 24h added*