

## D4Science Infrastructure - Task #100

### Increase ram Memory on IS-Collector services in production

May 14, 2015 05:39 PM - Massimiliano Assante

<b>Status:</b>	Closed	<b>Start date:</b>	Mar 14, 2015
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Andrea Dell'Amico	<b>% Done:</b>	100%
<b>Category:</b>	System Application	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	System Configuration		
<b>Infrastructure:</b>	Production		
<b>Description</b>			
The following nodes have an instance of IS-Collector service that runs in production environment:			
{{{			
<ul style="list-style-type: none"><li>node1.p.d4science.research-infrastructures.eu (scope: /d4science.research-infrastructures.eu)</li><li>node24.p.d4science.research-infrastructures.eu (scope FARM)</li><li>node66.p.d4science.research-infrastructures.eu (scope gCubeApps) }}</li></ul>			
I suggest to increase the ram on these nodes because I see a swap activity.			

#### History

##### #1 - May 14, 2015 05:40 PM - Massimiliano Assante

- Assignee set to Tommaso Piccioli

##### #2 - May 15, 2015 02:28 PM - Pasquale Pagano

- Target version set to System Configuration

##### #3 - May 27, 2015 02:22 PM - Luca Frosini

- Assignee changed from Tommaso Piccioli to Andrea Dell'Amico

##### #4 - Jun 09, 2015 05:11 PM - Andrea Dell'Amico

- Category set to System Application

- Assignee changed from Andrea Dell'Amico to Tommaso Piccioli

It needs to be done during the next downtime.

##### #5 - Jul 20, 2015 08:17 PM - Andrea Dell'Amico

- Assignee changed from Tommaso Piccioli to Andrea Dell'Amico

- Shutdown dlib18.isti.cnr.it so that there's no need to move node1.p.d4science.research-infrastructures.eu to another hypervisor
- Increase the VM RAM to 4GB on the three nodes. Or more if it's needed
- Change the GHN heap if needed

Note:

node1.p.d4science.research-infrastructures.eu runs two gcube instances with a 1800MB heap each. The VM has 2.7 GB of RAM  
node24.p.d4science.research-infrastructures.eu runs two gcube instances, one with a 2500MB heap and the other with a 1800MB heap. The VM has 3.6 GB of RAM  
node66.p.d4science.research-infrastructures.eu runs two gcube instances, one with a 1400MB heap and the other with a 2048MB heap. The VM has 4GB of RAM

##### #6 - Jul 21, 2015 09:29 AM - Roberto Cirillo

- Priority changed from Normal to Immediate

##### #7 - Jul 21, 2015 11:44 AM - Andrea Dell'Amico

- Status changed from New to Closed

- % Done changed from 0 to 100

dlib18.isti.cnr.it has been shut down. The disks are still there and the VM definition is under /etc/xen/disabled (on dlib16x.dom0.research-infrastructures.eu)

node1.p.d4science.research-infrastructures.eu has now 4200MB of RAM

node24.p.d4science.research-infrastructures.eu has now 4800MB of RAM

node66.p.d4science.research-infrastructures.eu has now 4800MB of RAM and the ghn instance that run with a 1400MB heap now has a 1800MB heap

#### **#8 - Jul 21, 2015 02:20 PM - Andrea Dell'Amico**

News: dlib18.isti.cnr.it is monitor.d4science.research-infrastructures.eu. It cannot be dismissed, so I moved it to dlib18x.dom0.research-infrastructures.eu