

D4Science Infrastructure - Task #5590

DataMiner as Generic Worker

Oct 27, 2016 06:32 PM - Gianpaolo Coro

Status:	Closed	Start date:	Nov 03, 2016
Priority:	Urgent	Due date:	
Assignee:	Andrea Dell'Amico	% Done:	100%
Category:	High-Throughput-Computing	Estimated time:	0.00 hour
Target version:	Dataminer and StatMan provisioning		
Infrastructure:	Production		
Description DataMiner should substitute the Generic Workers already from r4.1.0. The old GW should be shutdown. Three DataMiner are required for the moment(with the machine features of the previous GWs). A new cluster is required too for these DMs named: <code>dataminer.genericworkers.d4science.org</code>			
Subtasks: Incident # 5638: Check data availability through URI Resolver Rejected Incident # 5645: Service EP Retrieval issue Closed			
Related issues: Related to D4Science Infrastructure - Incident #5634: Wrong IC client library... Closed Nov 03, 2016			

History

#1 - Oct 27, 2016 06:37 PM - Andrea Dell'Amico

Gianpaolo Coro wrote:

```
dataminer.genericworkers.d4science.org
```

dataminer-genericworkers.d4science.org

#2 - Oct 27, 2016 06:42 PM - Andrea Dell'Amico

Can you confirm that these are the VMs that we can destroy?

```
node3.d4science.org
node[11:13].d4science.org
node16.d4science.org
node18.d4science.org
node23.d4science.org
node24.d4science.org
node[27:38].d4science.org
node[43:45].d4science.org
node[47:56].d4science.org
node[60:61].d4science.org
node64.d4science.org
```

#3 - Oct 27, 2016 06:48 PM - Gianpaolo Coro

yes!

#4 - Oct 28, 2016 02:15 PM - Andrea Dell'Amico

So, 3GB of ram, 2 CPUs, 12 GBs of disk (but I'll make them bigger, the R packages and dataminer occupy a lot of space).

Same list of R packages? and quickrank too?

#5 - Oct 28, 2016 02:17 PM - Gianpaolo Coro

Yes to all.

#6 - Oct 28, 2016 05:11 PM - Andrea Dell'Amico

The expanded list of generic workers that will be terminated:

node3.d4science.org
node11.d4science.org
node12.d4science.org
node13.d4science.org
node16.d4science.org
node18.d4science.org
node23.d4science.org
node24.d4science.org
node27.d4science.org
node28.d4science.org
node29.d4science.org
node30.d4science.org
node31.d4science.org
node32.d4science.org
node33.d4science.org
node34.d4science.org
node35.d4science.org
node36.d4science.org
node37.d4science.org
node38.d4science.org
node43.d4science.org
node44.d4science.org
node45.d4science.org
node47.d4science.org
node48.d4science.org
node49.d4science.org
node50.d4science.org
node51.d4science.org
node52.d4science.org
node53.d4science.org
node54.d4science.org
node55.d4science.org
node56.d4science.org
node60.d4science.org
node61.d4science.org
node64.d4science.org

#7 - Oct 31, 2016 04:53 PM - Andrea Dell'Amico

One more question: can I have the list of scopes where those servers will be available?

#8 - Nov 02, 2016 01:51 PM - Andrea Dell'Amico

- *Status changed from New to In Progress*

Hostnames and IPs are going to be:

dataminer1-genericworkers.d4science.org 146.48.122.39
dataminer2-genericworkers.d4science.org 146.48.122.86
dataminer3-genericworkers.d4science.org 146.48.122.151

#9 - Nov 02, 2016 03:43 PM - Gianpaolo Coro

These are services that should run in the production environment, thus the scopes should be the same as the other DataMiners.

#10 - Nov 02, 2016 05:04 PM - Andrea Dell'Amico

- % Done changed from 0 to 80

Provisioning is running. When ready, I'll update the haproxy configuration.

#11 - Nov 02, 2016 06:10 PM - Andrea Dell'Amico

- *Status changed from In Progress to Feedback*

- % Done changed from 80 to 100

The three nodes are online. They are behind dataminer-genericworkers.d4science.org for both http and https.

#12 - Nov 02, 2016 06:32 PM - Gianpaolo Coro

Nothing responds to the indicated proxy (503 Service Unavailable), e.g.

<http://dataminer-genericworkers.d4science.org/wps/WebProcessingService?Request=GetCapabilities&Service=WPS&gcube-token=26209520-6e2d->

the single dataminers respond.

#13 - Nov 02, 2016 09:43 PM - Andrea Dell'Amico

Fixed. It works now.

#14 - Nov 03, 2016 11:43 AM - Gianpaolo Coro

I have some issues at testing, due to some IS client library problem.

#15 - Nov 03, 2016 02:41 PM - Gianpaolo Coro

- % Done changed from 100 to 80

#16 - Nov 03, 2016 02:43 PM - Andrea Dell'Amico

The library has been replaced on all the dataminer servers.

#17 - Nov 03, 2016 02:48 PM - Gianpaolo Coro

- Related to Incident #5634: Wrong IC client library versions on Nexus added

#18 - Nov 17, 2016 10:18 AM - Gianpaolo Coro

- Status changed from Feedback to Closed