

D4Science Infrastructure - Task #9857

Task # 10240 (Closed): Install a modern virtualisation framework to host the 'corporate' services

Evacuate the hypervisors from dlib14x to dlib19x

Sep 28, 2017 05:28 PM - Andrea Dell'Amico

Status:	Closed	Start date:	Sep 28, 2017
Priority:	Normal	Due date:	
Assignee:	Tommaso Piccioli	% Done:	100%
Category:	System Application	Estimated time:	0.00 hour
Target version:	Migrate from Xen to a new virtualisation system		
Infrastructure:	Development, Pre-Production, Production		
Description They will be used to run a new virtualization system that will host the corporate services: DNS, DNS cache, SMTP relay, ticket systems, monitoring, etc. The existing VMs can be migrated to the Dell powered hypervisors.			
Related issues: Related to D4Science Infrastructure - Task #10287: Schedule downtime for GN DB Closed Nov 09, 2017 Nov 22, 2017			

History

#1 - Oct 04, 2017 02:13 PM - Andrea Dell'Amico

- Subject changed from Evacuate the hypervisors from dlib14x to dlib18x to Evacuate the hypervisors from dlib14x to dlib19x

#2 - Nov 07, 2017 04:37 PM - Andrea Dell'Amico

- Target version changed from System Configuration to Migrate from Xen to a new virtualisation system
- Parent task set to #10240

#3 - Nov 09, 2017 07:02 PM - Fabio Sinibaldi

- Related to Task #10287: Schedule downtime for GN DB added

#4 - Nov 09, 2017 07:14 PM - Tommaso Piccioli

List of VMs to be migrated:

dlib14x

auth1.research-infrastructures.eu
dlib01.isti.cnr.it
node24.p.d4science.research-infrastructures.eu
node27.d.d4science.research-infrastructures.eu
node3.d.d4science.research-infrastructures.eu
node6.d4science.org

dlib15x

git.research-infrastructures.eu
node11.p.d4science.research-infrastructures.eu
node26.p.d4science.research-infrastructures.eu
node5.t.openaire.research-infrastructures.eu
node7.p.d4science.research-infrastructures.eu
node9.p.d4science.research-infrastructures.eu

dlib16x

certs.research-infrastructures.eu
geoserver-test.d4science-ii.research-infrastructures.eu
issue.research-infrastructures.eu
message-broker.d4science.research-infrastructures.eu
node1.p.d4science.research-infrastructures.eu
node2.p.d4science.research-infrastructures.eu
redbox-test.research-infrastructures.eu

dlib17x
ambari-hadoop-test.d4science.org
geonetwork-v3.dev.d4science.org
jobtracker.t.hadoop.research-infrastructures.eu
node13.d.d4science.research-infrastructures.eu
node26.d.d4science.research-infrastructures.eu
ppa.research-infrastructures.eu

dlib18x
cassandra2-d-d4s.d4science.org
geoserver-dev4.d4science.org
hbase-master2.t.hadoop.research-infrastructures.eu
maven.research-infrastructures.eu
mongo2-d-d4s.d4science.org
node22.d.d4science.research-infrastructures.eu
node9-d-d4s.d4science.org
resourceregistry1-d-d4s.d4science.org
rm1-hadoop-test.d4science.org
slave1.ci.research-infrastructures.eu
social-indexer.d4science.org
ui.grid.research-infrastructures.eu
worker6-hadoop.d4science.org
workspace-repository-devnext.d4science.org

dlib19x
geoserver-db.d4science.org
mongo3-d-d4s.d4science.org
node1-d-d4s.d4science.org
node10.p.d4science.research-infrastructures.eu
node20.d.d4science.research-infrastructures.eu
node42.p.d4science.research-infrastructures.eu
node43.p.d4science.research-infrastructures.eu
node44.p.d4science.research-infrastructures.eu
node50.p.d4science.research-infrastructures.eu
quorum3.t.hadoop.research-infrastructures.eu
transect-1-d-d4s.d4science.org
worker7-hadoop.d4science.org
workspace-repository-devsec.d4science.org

#5 - Nov 09, 2017 07:26 PM - Andrea Dell'Amico

At all involved: please report what of these VMs can be migrated without risks, and which ones need a scheduled downtime.

#6 - Nov 14, 2017 11:37 AM - Fabio Sinibaldi

Since information is expected to come from different developers, I'm preparing a google sheet here to collect them :
https://docs.google.com/spreadsheets/d/1wfcAEVuD9CS4_7cDgTO7eck3andAaGMK8_Z6c0gXzbw/edit?usp=sharing

#7 - Nov 17, 2017 07:52 PM - Andrea Dell'Amico

I see that the document was partially compiled.

We need to know *when* we can restart the production VMs, possibly within next Tuesday.

#8 - Nov 17, 2017 08:17 PM - Claudio Atzori

Anytime is fine with me, but I can speak only for the following VMs

node5.t.openaire.research-infrastructures.eu
ppa.research-infrastructures.eu
maven.research-infrastructures.eu

I'd like to send out the restart announcement one day before, so please let's agree on the when asap :)
I added another column in the document in order to gather all the when constraints.

#9 - Nov 21, 2017 02:20 PM - Andrea Dell'Amico

The document has just been amended with information that will be useful to schedule the transferts.

#10 - Nov 25, 2017 03:40 PM - Andrea Dell'Amico

- Status changed from New to In Progress

- % Done changed from 0 to 20

Some VMs have been migrated.

#11 - Nov 29, 2017 12:36 PM - Tommaso Piccioli

- % Done changed from 20 to 50

Host node26.d.d4science.research-infrastructures.eu deleted

Host node1-d-d4s.d4science.org has been already migrated but the ghn was down since march 2017. @roberto.cirillo@isti.cnr.it , could you please verify if we can dismiss the node?

#12 - Nov 29, 2017 08:37 PM - Andrea Dell'Amico

- % Done changed from 50 to 80

Only some dev VMs on dlib18x remains (thanks to Tom, he is doing all the work).

#13 - Dec 01, 2017 08:04 PM - Tommaso Piccioli

- % Done changed from 80 to 90

Still to be moved:

mongo2-d-d4s.d4science.org (waiting Roberto to switch the PRIMARY node)

slave1.ci.research-infrastructures.eu (waiting the check on the old jenkins cluster)

rml-hadoop-test.d4science.org)
(these two will be left to run tests on the new storage network
worker6-hadoop.d4science.org)

#14 - Dec 04, 2017 02:46 PM - Tommaso Piccioli

mongo2-d-d4s.d4science.org moved.

#15 - Dec 05, 2017 06:02 PM - Roberto Cirillo

Tommaso Piccioli wrote:

Host node1-d-d4s.d4science.org has been already migrated but the ghn was down since march 2017. @roberto.cirillo@isti.cnr.it , could you please verify if we can dismiss the node?

I've restarted the service hosted on node1-d-d4s.d4science.org. This node hosts the VREModeler service.

#16 - Dec 06, 2017 07:31 PM - Andrea Dell'Amico

- Status changed from In Progress to Closed

- % Done changed from 90 to 100

The nodes are empty.