Minutes SAM Migration meeting 07/02/2014

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Participant List

Emir Imamagic (EI)
Marian Babik (MB)
Cyril Lorphelin (CL)
Christos Kanellopoulos (CK)
Diego Scardaci (DS)
Paschalis Korosoglou (PK)

SAM-Gridmon migration (including Oracle DB) - Current status and time plan (Cyril L'Orphelin and Marian Babik)

Timeplan: https://docs.google.com/document/d/1AHQQHKMs1wcmIX2_iczz6drXsv_0vaue-YC5OAFcDHc

CL: in the last days we dealt with a problem regarding the different job schedulers in Oracle. After the last actions it seems to work now. We are still working on the testing instance. The main point was to verify that there are no errors in the Oracle part to go into production. Basically we waited for the DBA validation. Then now, considering that it seems to properly work, I'll ask DBA for the access to the Oracle production instance. Then, I'll restart the DB with the new configuration. This should be the last step. We should be complete it by today or next Monday in the worst scenario.

DS: then, we can consider the setup of the central installation at CNRS ready unless the validation.

CL: yes. Probably we'll be able to import data starting from the beginning of February in the production DB. Some data will be missing, one day, since I've to restart the service to move from testing to production. However, I'll have to check this point with the DBA.

MB: if Cyril will be able to import the data from the current testing instance, then we might be able to match the first deadline (end of January). Maybe we don't lose any data during the service restart since the message will be buffered by the brokers.

Action on CL: check with the DBA the possibility to import the data from testing instance to production instance.

MB: do you think that know DBA approves how is it work now?

CL: everything should be fine.

MB: we have to organize the training session. I'll prepare some slides.

EI: we would like to organize a meeting between GRNET, CRNS and CERN, besides the tutorial to run the central services, to discuss about the development plans of the PY5. I think make sense to exchange some ideas. Maybe we can come to CERN.

CL: ok for CERN. We could organize it also in Lyon.

CK: I'll check the budget

CL: maybe it's better to co-locate the training with another event, like the community forum.

MB: it's fine with me, I have to check but I should be able to come.

MB: coming back to the time plan, the next points are: (1) validate the availability results when the production is up, (2) ensure regions are not longer using the CERN WMS that will be decommissioned in April. EI do you know the situation about (2) ? It's very important to discuss point (2) at OMB.

EI: the next OMB is in three weeks. I'll discuss about that with Peter. We have also to discuss about mon.egi.eu and the ops monitor.

MB: it's not very clear what's the use of the SAM BDII. The CERN WMS for sure use it.

EI: the SAM BDII has been set up in order to avoid the FCI. But the FCI has been decommissioned.

MB: we should check if direct cream jobs trying to fetch list of queues from SAM BDII

EI: I think they should use the site BDII.

Action on MB and EI: check if direct cream jobs trying to fetch list of queues from SAM BDII

MB: In March we should also inform GGUS people to establish 3rd line SAM/EGI support unit.

DS: summarizing, AP2 should be completed in a couple days and we have discussed about all the points in AP3.

DS: did you create the documentation about all the steps needed to install a SAM central instance?

MB: I wrote a long mail about lessons learned. I didn't transfer all the information in the documentation because there are some information that cannot be public.

Message Brokers migrations - Current status and time plan (Christos Kanellopoulos & Emir Imamagic)

Timeplan: https://docs.google.com/document/d/1FbKJ0D4bf7SSbHA6MH56dst_T3K5fX11kYDhpaqymaA/

PK: we concluded the second action point (AP2) of the time plan. We verified that one broker with ActiveMQ 5.8 can speak with the other brokers with ActiveMQ 5.5. For AP3 I discussed with Emir about the HW requirements of the machines that will host the new brokers. Currently we are working on setting these two brokers up and configuring them. We should complete the setup by the 12 of February. We'll send the broadcast to inform NGIs that will connect these 2 new brokers in the production network by the next week. Around the 20 of February we'll have the production network with 6 brokers. When everything will be fine we'll start the decommission of the old instances.

Action on PK and EI: complete the setup of the new brokers by the 12 of February

Action on PK and EI: send the broadcast to inform NGIs that will connect these 2 new brokers in the production network by the 14 of February

Action on PK and EI: connect the two new brokers to the network by the 20 of February

MB: is there any news about the decommissioning of the validation broker?

EI: you can say to Lionel to shutdown it

Documentation Status (Marian Babik)
No news

Action review (Diego Scardaci)
All the actions have been already completed/discussed.

<u>Action on EI: inform all the interested people about the restart on the messaging infrastructure before the connection of the new brokers to the production infrastructure.</u>

AOB

EI: I have 2 questions for Marian. (1) I going to have two new endpoints on gocdb entry, do I need to reconfigure ops monitor? (2) the OMB agreed about the plan that all the SAM instances should be upgraded to v22 by 17 of February and after this point will start to raise alarms. This is also requires re-configuration of the ops monitor?

MB: No, I'm managing ops monitor, I can do it.

Next meeting:

* 5th meeting: 20 of February 2014 15.00 CET

ACTIONS from today

1. Action on CL: check with the DBA the possibility to import the data from testing instance to production instance.
2. Action on EI: discuss with Peter about CERN WMS, mon.egi.eu and ops monitor decommission/migration. Evaluate the impact on the current production infrastructure.
3. Action on MB and EI: check if direct cream jobs trying to fetch list of queues from SAM BDII.
4. Action on PK and EI: complete the setup of the new brokers by the 12 of February.
5. Action on PK and EI: send the broadcast to inform NGIs that will connect these 2 new brokers in the production network by the 14 of February.
6. Action on PK and EI: connect the two new brokers to the network by the 20 of February
7. Action on EI: inform all the interested people about the restart on the messaging infrastructure before the connection of the new brokers to the production infrastructure.