

# Minutes SAM Migration meeting 22/01/2014

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## Participant List

Emir Imamagic (EI)  
Marian Babik (MB)  
Cyril Lorphelin (CL)  
Christos Kanellopoulos (CK)  
Diego Scardaci (DS)  
Malgorzata Krakowian (MK)

## Documentation Status (Marian Babik)

No news

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

Timeplan: [https://docs.google.com/document/d/1AHQQHKMs1wcmIX2\\_iczz6drXsv\\_0vaue-YC5OAFcDHc](https://docs.google.com/document/d/1AHQQHKMs1wcmIX2_iczz6drXsv_0vaue-YC5OAFcDHc)

CL: The installation of the testing central instance is complete excepting the oracle part. We have problems with the scheduler. We capture different metrics but we don't store them in the correct tables. I'm in touch with the DBA to try to fix this problem.

MB: we had a very profitable session with Cyril. We managed to do quite a lot. We did: the Oracle setup, box setup, run successfully the configuration. We had now a central instance consuming messages from the production brokers. The problem is that status computation does not work in Oracle now and we are waiting for the DBA feedback to fix the problem. We have to start to work in checking ACE computing availability but ACE is properly running then we should not have problems. That would finalize the configuration of the test instance. After that we can go into the validation and start to work in the production instance.

MB: Coming back to the timeplan, for the AP1 I sent a big mail to CL and EI about things we learn from installing testing instance to document the installation procedure. I'll add probably a couple of points. Emir announced the timeplan to EGI OMB in December. I'll announce the timeplan to WLCG ops next week.

MB: For AP2, we are late. It is not realistic to have the production instance by the end of this week unless we'll complete very fast the validation. For the other points I had decommissioned the SAM nightly validation infrastructure and I also informed OSG to shutdown the pre-production box on the 29<sup>th</sup> of January. So we should have the validation broker free of connections. It can be decommissioned.

CL: my comments on the production instance. The box is ready we have only to change the connection to Oracle to go to production. We plan to keep the same box we are using for testing. It should be enough to run YAIM again with the new connection configurations.

MB: keeping the same box for production, we could manage to complete AP1 by end of January.

CL: but for production I have to ask again the permission to use the production Oracle at CNRS. I should have an answer next week.

Action on CL: ask the permission to use the production Oracle at CNRS

DS: summarizing we can say the central testing instance is almost ready apart from the problem reported above. Fixed this problem AP1 could be considered completed and we can start with the validation (AP2). When the validation is completed we could change the box configuration to move to production.

MB: however the current problem should be considered a major issue since we need the DBA help to fix it.

Action on CL and MB: fix the problem with Oracle in testing instance.

MB: we had now another central instance (the testing instance) using the production messaging. This means that all created queues stay in the production brokers. Then, stopping the testing instance, the messages are not consumed and pile up and eventually kill the production broker. Then, we need to

consider our central testing instance as a pre-production box, so we need to start to involve Cyril in downtime and brokers update. If we'll move to another oracle db, keeping the box running, nothing should be happen on the queue since the consumers are running on the box.

Action on CL: manage the new central instance as a pre-production box.

MB: I believe that some training is needed. It's a quite complicated system. Then we should plan for something. I think we can do remotely. It is also considered in the timeplan (AP3).

DS: this training should involve only CNRS and CERN, then you are free to organise it as you prefer.

Action on CL and MB: organise the training

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

Timeplan: [https://docs.google.com/document/d/1FbKJ0D4bf7SSbHA6MH56dst\\_T3K5fX11kYDhpaqymaA/](https://docs.google.com/document/d/1FbKJ0D4bf7SSbHA6MH56dst_T3K5fX11kYDhpaqymaA/)

EI: we should be able to install the new brokers by end of January as planned. To add the new brokers we have to restart all the brokers on the same time, we need to announce it on time. Points AP1, AP2 and AP3 of the timeplan should be completed by end of January.

MB: do you think to have the new brokers in the production network by the start of the February?

EI: the idea is to deploy the new brokers by next week. The connection to the network will be done later during the first week of February (AP4). We'll announce it by broadcast one week before. We'll have a small downtime, few minutes.

MK: it is fine with EGI.eu.

MB: we should also inform WLCG about that. However, I don't think it is a problem a small downtime.

Action on EI: inform all the interested people about the shutdown on the messaging infrastructure in the first week of February.

## **Action review (Diego Scardaci)**

All the actions have been completed.

## **AOB**

EI: I'll report the status of migration at the next EGI.eu OMB.

MB: I'll report the status at the next WLCG ops meeting.

## **Next meeting:**

- Fourth meeting: 3<sup>rd</sup> of February 2014

## **ACTIONS from today**

1. Action on CL: ask the permission to use the production Oracle at CNRS
2. Action on CL and MB: fix the problem with Oracle in testing instance.
3. Action on CL: manage the new central instance as a pre-production box.
4. Action on CL and MB: organise the training

5. Action on EI: inform all the interested people about the shutdown on the messaging infrastructure in the first week of February.