

Minutes SAM Migration meeting 17/12/2013

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Participant List

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

Documentation Status (Marian Babik)

MB: I verified that the Confluence documentation can be exported to twiki.

CK: can we also export the documentation as web pages?

MB: yes, we can

MB: about JIRA knowledge base we can only make a dump of the database

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

CL: I've just started to work with the test instance. I hope to make progress this week.

MB: did you manage progress with the Oracle DB? All the settings needed etc.

CL: we don't have problems in this part, it can be completed quickly.

MB: should we have testing instance running in the beginning of January?

CL: it could be possible.

MB: how long do you run the test instance, when will you switch to production mode?

CL: probably two weeks to evaluate everything are enough. After that we can switch to production mode.

MB: then, the time plan would be:

- testing instance in the beginning of January;
- two weeks to verify the testing instance;
- start the production instance by end of January.

CL: yes, if we don't have any critical issues in January.

MB: and about the testing instance, will you plan to connect it to which broker, Croatia or Greece?

CL: we have to discuss it.

DS: we agreed with the OMB to have the Central Services running by the 1st of February. Then, if you have any issue on the next weeks that prevent you to respect this deadline, please, notify me.

CL: It is not easy to respect this deadline but we'll try. We'll notify you in case of any issue.

CK: A clarification, with the OMB we agreed to make the possible to complete the activity by the 1st of February but in case of issues this could be postponed at the 1st of March.

DS: ok, but we have to notify the OMB in case of deadline changes before the 1st of February.

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

CK: we had a meeting with Lionel (CERN) where we defined a detailed plan (see document attached in agenda).

CK describes the document.

DS: The plan seems good. I'll check it offline and I'll send my comments.

Action on DS: review Message Brokers migrations plan.

DS: what about the impact of the shutdown of the testing broker network?

CK: the testing broker network is currently used for two purposes: (1) by broker operations team (2) by end users. It is used to validate new upgrade on the broker network and in order to avoid downtimes during the broker network upgrades. Currently the broker network is consisted by mixed versions of sw. This multiple operation is not recommended and only way for us to manage this problem is extensively testing the upgrade in the testing network. Without the testing network we have to consider synchronous upgrade for each node of the network which means a small downtime of the service for each upgrade. Regarding the users, the test broker network is used by the SAM validation that should be moved in the production network without affecting the performance and for new applications using EGI messaging infrastructure in testing phase. The main risks is concerning the upgrade of the broker network without the possibility to previously test the upgrade.

CK: Is it acceptable for EGI.eu a small downtime during the broker network upgrade?

DS: I'll discuss about that with EGI.eu (Action on DS).

MB: the SAM validation is essentially already decommissioned, we have only two nodes running and we'll stop them in January.

MB: The time plan seems good. Preferably it would be best if we could remove the SAM brokers asap to also test the stability of the new setup. We should make a similar document with Cyril regarding SAM.

Action on MB and CL: write a similar time plan regarding SAM.

Action review (Diego Scardaci)

DS: we already discussed about almost all the actions from the last meetings.

DS: The Action 5 is the F2F meeting. I don't know if you still consider important having a F2F meeting.

CL: In my opinion we should have the F2F meeting only in case of problems.

MB: It might not be needed, however depends on progress.

AOB

MB: We should discuss also about the Ops Monitor migration. Emir can give us a time plan.

EI: Ops Monitor is a simple service and we can do it once central services migrate.

MB: mid of February is good for you to complete your setup and start the migration? So we could have two months to test it. I'll decommission the pre-prod and you can run your instance as pre-prod.

EI: The central one will still continue to consume data from CERN?

MB: yes, but you could connect yours to the testing instance at CNRS.

CL: Testing instance in CNRS will be switched off when the production services are ready.

MB: Then, I'll propose to start your instance the 1st of March. In this way we have 30 days to test it. We need an overlap to test everything.

EI: I propose the 1st of April. When the central services are deployed I can deploy the ops monitor.

MB: For ops monitor it is fine. I propose to Cyril to start his central instance with CERN Ops Monitor and switch over when the SRCE Ops Monitor is ready. We'll have at least 30 days of overlap.

MB: a reasonable plan is having the new ops monitor installed in March and connect it to the CNRS central instance the 1st of April.

EI: I agree

Agreed plan to migrate Ops Monitor: install the new Ops Monitor in march 2014 and connect it to the CNRS central instance the 1st of April 2014.

Next meetings:

- Third meeting on the week 13 – 17 January. A doodle will be created.
- Fourth meeting on the week 27 – 31 January. A doodle will be created.

ACTIONS from today

1. Action on DS: review Message Brokers migrations plan.
2. Action on DS: discuss with EGI.eu about the small downtime needed during the broker network upgrade.
3. Action on MB and CL: write a document containing the time plan regarding the migration of SAM central services.