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Participants:
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Missing: AMGA, gLite InformationSystem

EMI 1 Release Schedule Status:

Cristina:
- new etics-client deployed today – mode details presented by Lorenzo
- last week Nbs were failing
- many PTs respected the deadline of having the Component Release Notes updated in the EMI Releases tracker
- no RC0 ready, last NBs where failing, with no packages created
- new NBs will be enabled with the new emi_B_1_rc0 project-configuration. If the success rate of the first build will be around 90%, the RC0 will be declared achieved
- packages will be copied to the EMI RC0 yum repository to allow the installation on the testbed and eventual testing by the PTs
- work will start with each of the PTs that will have problems with the build.

Lorenzo:
- this morning the new etics-client was released (1.5.0) with many new features and bug fixes
- there are changes for all the PT and changes for Release Management:
  - most important – no need to use a specific version of the client, like <u>1.4.15-1@etics </u>2_5_0 or <u>1.4.15-1_EMI_fixes@default</u>, that were fixing particular bugs. The 1.5.0 integrates all the possible bug fixes discovered until now. There's no need to use anymore the option "client_release"
  - new feature, "repackaging", which uses the Mock tool to rebuild all the packages, after building them with ETICS in the old way, in order to provide a pristine env for the build and in order to have eventually EPEL compliant packages
  - in addition to rpms and QA metrics, are generated src.rpms and are used by the mock to rebuild all the packages. The --repackage option works only if the build is run as root or as a user with sudo privileges, so the WN have to be replaced to enable sudo and "run as root"
  - for the RC0 only few dedicated nodes will be available
  - for EMI RC1, all the new WNs will be installed and we'll have the EPEL Mock repackaging option available
  - other improvements – new locking in the system, the default used in EMI: parentless locking. It allows a configuration to be locked without a project-configuration. The configuration is no more editable, but there are no more hardcoded versions inherited from the project-config. The configuration is not self consistent is not reproducible, because it

still depends on what project-configuration is used for the build. The real locking is more a "build with registration in the repository". In the moment of registration of a package with a project-configuration, by policy of the proj will be always the latest EMI version of the project-configuration, the package will be generated and the requires will be harcoded in the package

- Support for multi-node testing is now officially available.
- Logging of the client was improved. A new report called "Execution info" is available in the menu bar on the left side of the ETICS Build Reports. The report show links to get the full raw log of the build
- A new package List, which describes if a package was not build at all, build with ETICS or building also with Mock, with different color-codes
- for the Release management – no .DEFAULT properties are needed anymore, because the client installs by default the OS version
- once the minimal image will be available, the packages will be installed by the client. In case of PT needs a dependency it does not have to request for it to the RM, will be enough to add a dependency on a component
- More details can be read in the client wiki-page (https://twiki.cern.ch/twiki/bin/view/ETICS/ClientHowTo)

Q(Martin):
- what happens for "internal" dependencies, my components depend on other EMI project components. In my custom packaging I want to run rpmbuild to produce src.rpm I have to have installed in the machine the dependecies rpms. What about this components that belog to the EMI-project, the yum repository will be updated on-the-fly, during the build?

A(Lorenzo):
to produce src.rpms thre's no need to have installed the build-dependencies
- During the build, ETICS wil build the packages and installed them before yours. The yum repository created during the build will be used consequently in your build, and it will have higher priority thatn the EPEL one.

AndersW:
- when a srouce rpm is created using rpmbuild it will require that all build dependencies are already installed
- about priorities of repositories to protect from EPEL, is its used the protect-base plugin?
- The protection can be done so that even if in the EPEL version there's a newer version that in our repository, the new one will not be taken.

Lorenzo:
- this wil not happen – to release in EMI a package that is older than the one in EPEL

AndersW:
- for rpms generated this week-end there were no automatic-dependency generation, it is turned-off?

Lorenzo/Cristina:
- it is not enabled, it will be enabled on all the project-configurations as requested in the EPEL Packaging Guidelines

Action on Cristina – enable the autoreqprov in the project configurations

Cristina:
- at the moment PTs should build against the emi_B_1_rc0 project-configuration

- the details will be present in the EMI-1 twiki page

Pedro:
- expecting that it will be able to already use the new methodology to build, with new nodes and without DEFAULTS propertise. Our components are building fine with emi_B_1_rc1, but if we have to use the _rc0, I have to communicate some DEFAULT configurations that are needed, and without which the DM will not b able to build.

Cristina:
- we cannot go directly to RC1, we have to have yum RC0 repository populated with packages just to be able to install the needed dependencies, that right now are taken from ETICS "externals" project., and to give the opportunity to some Pts that don't have problem to test their components.
- Tomorrow afternoon we just have a build so that we can appreciate better the situation

Lorenzo:
- after the meeting the priority will be to create a very high-performance VM for the EPEL build (8GB/4 cores), to reduce the build time from 17h to <10h.

QA Announcements (report send by Maria):
- A new version of the Testing Policy is being prepared after feedback collected from EMT. Thanks to the people who have contributed. As soon as a new version is ready, I´ll send it to the EMT.
- A new policy called 'Certification Policy' is going to be created. This is to differentiate between sw testing and sw certification, since we consider sw certification should take into account QA aspects not covered by sw testing. To be discussed first within PEB.
- The 'EMI release check list' will be discussed tomorrow with PEB. As soon as a version is approved by them, it will be sent to the EMT.
- The remaining policies will be reviewed and actually renamed to policies as soon as the previous documents are finished.

AOB:

AndersW:
- there are problems when trying to build ARC components against LFC RPMs in EMI-1 nighly repo. They are reported in the savannah bug https://savannah.cern.ch/bugs/?57529, that has also attached a patch that can be used to solve them.

OliverK: - will investigate

MichelleD:
- problem with xmlrpc-c-devel that is not installed in the build-nodes

Cristina:
- will follow this problem through a GGUS tkt