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# Release for UMD 4.5.0

## Configuration

The YAIM configurator is not supported anymore, a puppet module is available for the installation, for further details refer to the module page

If HTCondor is the batch system adopted, the HTCondor services on the computing element must be restarted after the installation of the CREAM service.

## Notes

- This is the initial release of the CREAM CE on CentOS 7
- This release delivers a draft support to Accelerator Devices (GPU, MIC), see the experimental features
- The supported batch systems are:

| Batch System | Version  |
|--------------|----------|
| TORQUE       | 4.2.10   |
| SLURM        | 16.05.10 |
| HTCondor     | 8.6.3    |
| LSF          | 7.0      |

## Fixed issues

- GGUS-Ticket-ID: #106384
- GGUS-Ticket-ID: #122974
- GGUS-Ticket-ID: #124034
- GGUS-Ticket-ID: #124404
- GGUS-Ticket-ID: #127020

## Known issues

- The puppet module can be used only in "stand alone mode ", puppet agent may report parsing problems.
- The CREAM UI requires classads libraries up to version 8.4.11, it does not work with versions 8.6.\*

## Packages

The packages available for the CREAM service are the following:

| Package Name               | Version |
|----------------------------|---------|
| BLAH                       | 1.22.2  |
| BLAH-debuginfo             | 1.22.2  |
| canl-java-tomcat           | 0.2.1   |
| condor-classads-blah-patch | 0.0.1   |
| dynsched-generic           | 2.5.5   |
| glite-ce-common-java       | 1.16.5  |
| glite-ce-common-java-doc   | 1.16.5  |
| glite-ce-cream             | 1.16.5  |

|                                   |        |
|-----------------------------------|--------|
| glite-ce-cream-api-java           | 1.16.6 |
| glite-ce-cream-core               | 1.16.5 |
| glite-ce-cream-utils              | 1.3.6  |
| glite-ce-wsdl                     | 1.15.1 |
| glite-jdl-api-java                | 3.3.2  |
| glite-jdl-api-java-doc            | 3.3.2  |
| info-dynamic-scheduler-lsf        | 2.3.8  |
| info-dynamic-scheduler-lsf-btools | 2.3.8  |
| info-dynamic-scheduler-slurm      | 1.0.4  |
| lcg-info-dynamic-scheduler-condor | 1.1    |
| lcg-info-dynamic-scheduler-pbs    | 2.4.6  |

The packages available for the CREAM UI are the following:

| Package Name                    | Version |
|---------------------------------|---------|
| glite-ce-cream-cli              | 1.15.4  |
| glite-ce-cream-client-api-c     | 1.15.5  |
| glite-ce-cream-client-devel     | 1.15.5  |
| glite-jdl-api-cpp               | 3.4.4   |
| glite-jdl-api-cpp-devel         | 3.4.4   |
| glite-jdl-api-cpp-doc           | 3.4.4   |
| glite-wms-utils-classad         | 3.4.3   |
| glite-wms-utils-classad-devel   | 3.4.3   |
| glite-wms-utils-exception       | 3.4.3   |
| glite-wms-utils-exception-devel | 3.4.3   |

The main repositories are:

- CREAM service
- CREAM UI
- CREAM service security extensions

The PGP key can be downloaded from this link

The **epel-release** package is required

For HTCondor classads libraries refer to

- the latest stable release for the CREAM service
- the release 8.4 for the CREAM UI

The PGP key can be downloaded from the official link

-- PaoloAndreetto - 2017-05-29

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