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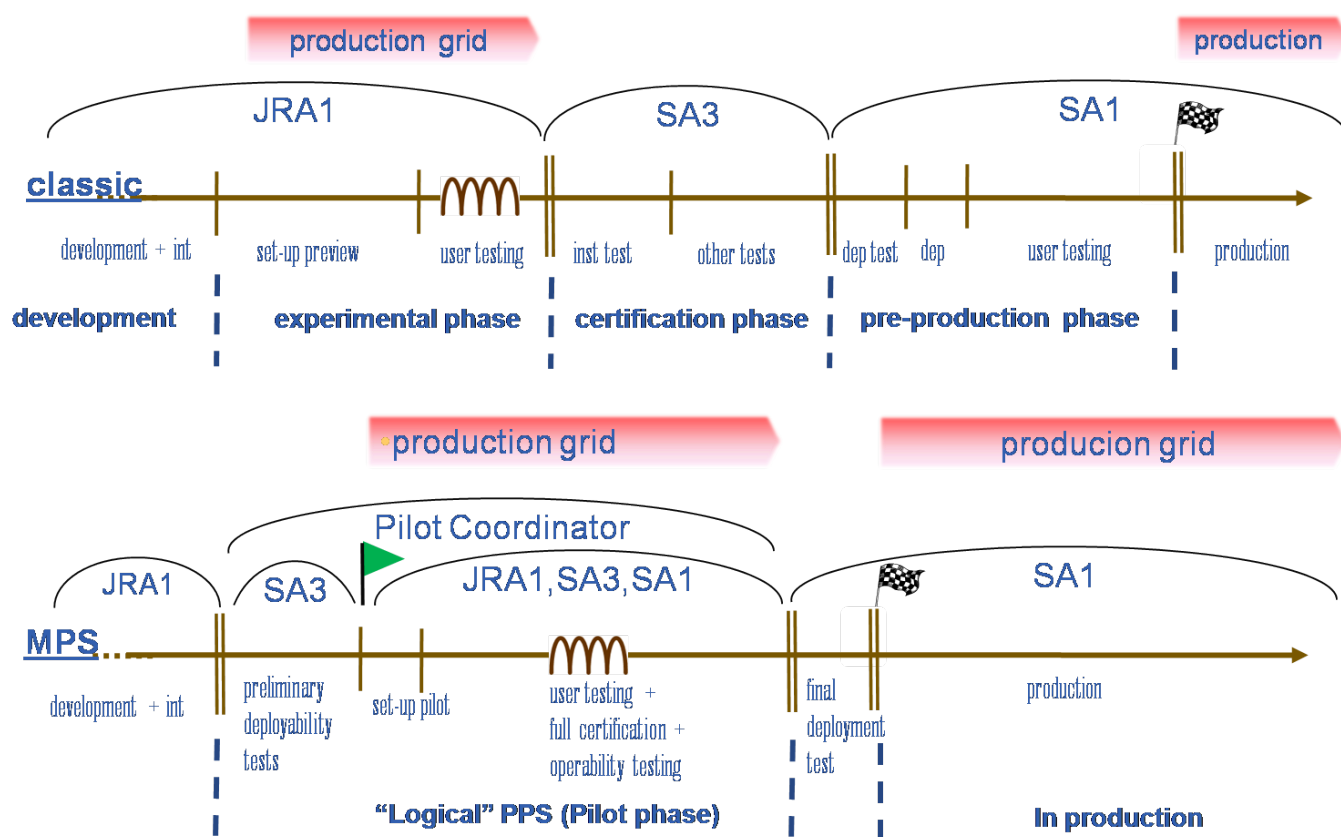
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The PPS Middleware Pilot Services

This page is obsolete, please refer to <https://twiki.cern.ch/twiki/bin/view/EGEE/PilotServices>

The new PPS access model is based on the concept of *pilot* or *experimental* services. A pilot is a highly specialized workspace set-up upon demand of classes of users willing to test a particular new grid feature, customised according to user requirements. The users of a pilot service receive direct support by middleware developers, testers, operations experts and service administrators for the completion of their use cases.

As a positive side-effect on the release process, an appropriate use of pilot services can lead to a ~30% reduction of the overall time-to-production of a new service/feature (see picture below).



The new model was applied for the first time on summer 2008 to test the gLite CREAM[☞] (Computing Resource Execution And Management) Computing Element,) and the related submission add-ons to the gLite Workload Management System.

During the first phase of the pilot, closed in September, the Alice virtual organization did intense submission testing in production conditions. As a result they decided to base their default submission model on CREAM and to keep lcg-CEs as fallback solution. A second phase of the pilot started in October. In this phase CMS will try CREAM in production conditions using the gLite WMS-based submission method.

Users willing to request a pilot service should contact the PPS Support e-mail list[☞]

Live pilot services

- Cream CE
- VOMS
- Site Central Authorization Service (SCAS)

- HEP dependency meta-rpm)
 - WMS 3.2
- Create new pilot main page: (*Please use a descriptive name e.g. PpsPilotSCAS, PpsPilotSLC5 ...*)

The template used for new pilot home pages is PpsPilotTemplate. Any changes made to the template will only influence new pages.

Pilots wikis created from this page are PpsPilotBDII5, PpsPilotCream, PpsPilotHEPrpm, PpsPilotSCAS, PpsPilotSLC5, PpsPilotTemplate, PpsPilotWMS31, PpsPilotWMS32

Closed pilot services

- SLC5 Worker Nodes
- WMS 3.1

This topic: LCG > PpsPilots

Topic revision: r10 - 2009-11-20 - unknown



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