# egee

Enabling Grids for E-sciencE

# Pre-production in EGEEIII Operation principles

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**www.eu-egee.org**

Information Society
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- **the EGEE pre-production service will be split into two major service classes**

- **Middleware Quality Services – MQS**

- **Middleware Preview Services – MPS**

Mission: "*To test the middleware deployment tools (packaging, documentation) against scenarios relevant for production*"

- Workload distributed among 'PPS' sites (not registered as production)
- Services published in pre-production IS
- Testing interaction with different platforms, batch and storage systems
- Contributing to interoperability testing
- Providing additional info and advice for deployment in production
- Dedicated monitoring infrastructure for validation
- "service-oriented" testing: several deployment test managers sharing the tools
- NOT production-like service --> pre-deployment runs on-demand with releases

**Mission: "***To provision previews of new middleware functionality***"**

- **Distribution of clients tools in preview mostly automated**

- **Instances of pilot services created on-demand**

- **Close interactions with the VOs for the definition of scope and goals of the pilots**

- **Workload distributed among partner sites in production**

- **Services published in production IS**

- **Production-like service of limited duration**

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- **MQS**
  - ✓ **set-up and run test services in different deployment scenarios**
  - ✓ **set requirements for deployment scenarios coming from the sites and local Vos**
  - ✓ **evolutional maintenance of monitoring infrastructure for validation**
  - ✓ **evolutional maintenance of automated distribution tools**
  - ✓ **deployment testing management (run tests and wrap-up feedback, per-service)**

- **MPS**
  - ✓ **support to preview distribution of clients**
  - ✓ **support to preview distribution of services (pilots)**
  - ✓ **management of the pilots (interface with VOs during the exploitation, wrap-up of results)**
  - ✓ **wrap-up feedback for middleware release team**

- **MQS**
  - ✓ **Deployment testing coordination (tools and procedures) → delegated**
  - ✓ **Set requirements for deployment scenarios coming from middleware development/certification and "global" VOs**
  - ✓ **Release management (tools and procedures) → delegated**
  - ✓ **Interface to EMT**

- **MPS**
  - ✓ **interface with VOs, regions, sites and middleware providers for the definition and kick-off of new pilots**

- **Administration**
  - ✓ **Activity tracking**
  - ✓ **Communication**

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- **Use Cases for the new pre-production**
    **https://twiki.cern.ch/twiki/bin/view/LCG/PreProductionUseCases**

- **Available in the PPS web site**
    **www.cern.ch/pps/index.php?dir=./vo/**

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