

# **SAM-Grid / LCG Interoperability System**

## **Using the System in Production – WBS**

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### **Mission**

Use the LCG Interoperability System consistently in production operations with a consistent efficiency

### **WBS**

1. Required Functionality Additions to the System
  - 1.1. Output bundling
  - 1.2. Scratch management
  - 1.3. Storage Selection
    - 1.3.1. Station Configuration in Global LCG Environment
    - 1.3.2. MC merging integration with global storage negotiator
  - 1.4. Eliminate EDG UI Automatic Retrial
  - 1.5. Support additional scheduling system requirements from the SAM-Grid JDL
  - 1.6. Credential Management
2. System Expansion
  - 2.1. Cluster Additions
  - 2.2. Scalability Analysis
  - 2.3. Optional Deployment of new Integration Systems
    - 2.3.1. Forwarding node
    - 2.3.2. Station Node
    - 2.3.3. Integrate System
3. Consistency of the system efficiency
  - 3.1. Document efficiency of the system
    - 3.1.1. Measure Efficiencies of the LCG infrastructure
      - 3.1.1.1. Inefficiency due to LCG Resource Broker
      - 3.1.1.2. Inefficiency due to Output Handling (Maradona Server)
      - 3.1.1.3. Inefficiency due to Other Services
    - 3.1.2. Measure overall efficiency
  - 3.2. Efficiency Stabilization
4. Support
  - 4.1. Define Process to report user problems
  - 4.2. Define Process to ask for support to LCG
  - 4.3. Define Process to extend the system
    - 4.3.1. Network Configuration
5. Operations
  - 5.1. Define Operational Model
  - 5.2. Define Certification of LCG
  - 5.3. Cluster Tagging