# OSG Technology Area – Year 1

## Work Plan

1. Maintain and update the OSG Blueprint, including the organization of blueprint meetings. (Hover)
2. Plan and execute the transition to the next-gen CE technology for OSG. (Hover, Bockelman)
   1. Prototype by Q1 2013.
   2. Transition to software in Q1-Q3 2013.
3. Prepare and deliver 6 technologies reports throughout the year. Current candidates are: (Guru, Bockelman, Caballero, Zaytsev)
   1. GFFS
   2. CVMFS
   3. Technologies (Parrot/CVMFS, Parrot sandboxing) from AAA.
   4. Monitoring of squid servers
4. Assist User Support in the technological aspects of the public storage project. (Guru)
5. Assist Condor sites in deploying and validating HTPC, in cooperation with Production. (Guru)
6. Continue work on OASIS. (Caballero)
   1. Investigation in Q3 2012.
   2. Assuming accepted, help transition to production in Q4 2012.
7. Deliver a report outlining a strategy to improve monitoring in the OSG. (Bockelman)
8. Deliver report on integration of virtualized resources into the OSG. Prototype integration of one cloud resource. (Zaytsev)

## Metrics

1. Number of Technology Investigations executed (goal: 6 per FTE nominally assigned to TI).
2. Number of updates to the OSG Blueprint (goal: 3)

## Personnel

Management, communication, and coordination with other areas - .15 FTE  
Architecture and Blueprint maintenance - .25 FTE  
Technology investigation – 1.5 FTE