

## Potential MAGIC Tasking 2017

MAGIC Potential tasks for FY17 are a continuation of the topics addressed last year and include:

- Convene the OSG, CERN, OGF... communities to discuss their different approaches and what has worked/what has not worked.
- Identify how commercial resources (e.g., cloud environments) can be used/integrated into science environments
- Bring the NSF funded cloud environments into the MAGIC discussions to represent academic community interests
- University community researchers and providers to identify current capabilities and desired future capabilities.
- SDN developers to identify how their developing technology might impact virtual environments and distributed resources/distributed processing

Discussion among the MAGIC members provided additional suggestions for MAGIC focus topics including:

- Data movement and data management. Middleware is expediting movement of data across collaborating groups and among science disciplines. An example is cooperation among NSF data hubs for moving data to/from supercomputer centers. CASC is participating in this effort.
- Evolving Identity Management (IdM)
- Improving the reliability of middleware and grid environments. Software and networking are critical components for improving reliability.