* Install and maintain the Inca server, mirrors, and clients. The main Inca server is located on a SDSC managed VM called capac.sdsc.edu, an Inca mirror will be setup on a IU managed VM called gw60.quarry.iu.teragrid.org, and the Inca clients are typically installed on a user-accessible login or grid node of a XSEDE resource. The Inca web status page is at http://inca.xsede.org.
* Collaborate with SD&I and Operations to help develop a set of Inca tests for XSEDE services, deploy them within Inca, and manage and implement any configuration changes (e.g., runtime frequency, notifications). Provide user documentation for how to write reporters and best practices. Help system administrators or other stakeholders to interpret and troubleshoot detected failures.
* Configure or develop custom status pages or reports.
* Implement bug fixes and desired features in the Inca software.