Between July and September of 2011, the Inca team worked to develop a technique to mostly automate the configuration of Inca testing on XSEDE resources based on kit registrations from the Information Server, info.teragrid.org. Currently, only notifications of changes in the Information Server are automatically provided and then changes are manually propagated to the Inca configuration file. This improvement will quicken the response time of test configuration changes and simplify maintenance of the deployment for the SDSC Inca administrators. Our plan is to automate all test configuration changes but require manual approval by the Inca administrator in case of faulty kit registrations. As we continue to develop, we are also reviewing the machine specific test configuration parameters and simplifying the configuration where possible. We expect to roll these changes out next quarter. Furthermore, we are working with the software development and integration lead to define machine-readable definitions of kits that will further simplify automated test configuration.