Between October and December 2011, the Inca team continued worked to develop and deploy a technique to mostly automate the configuration of Inca testing on XSEDE resources based on kit registrations from the Information Server, info.teragrid.org. This improvement will quicken the response time of test configuration changes and simplify maintenance of the deployment for the SDSC Inca administrators. Previously, only notifications of changes in the Information Server were automatically provided and then changes were manually propagated to the Inca configuration file. Now changes for resources (i.e., new kit registrations or change in components of kit registration, versions, hosts, ports, etc.) are automatically inserted into the Inca configuration file where they can be reviewed and then committed. The previous Inca configuration file contained 204 test descriptions parameterized with values which, when combined with 803 values (manually input mostly from kit registration information), expanded into 1026 tests being executed across all XSEDE resources. The new current Inca configuration file contains 200 test descriptions combined with 110 manually managed values and 1413 automatically generated values from the kit registrations to produce 1007 tests that are being executed across all XSEDE resources. Thus, the amount of manual information in the Inca configuration file is reduced by a factor of ten and greatly simplifies management for the Inca team who will continue to make some small automation improvements in the next quarter as well as work on deploying a mirror of the Inca web server.