In the last few weeks, we finished our cleanup pass of the tests that we have to detect stale load or job data in MDS. This entailed simplifying one of our reporter scripts and then modifying the Inca deployment to use it, removing the previously redundant testing. Then we contacted the XSEDE help desk and described these failure notifications that we wanted to send there (rather than them being sent to Maytal), as well as the resolution to restart the Globus container. We got an immediate response from Mike Pingleton and were thus able to send two existing error reports for Ranger and the Purdue Condor machines. The tickets were opened up and resolved within a few days.

We also received a response this week from the NCSA networking team who setup the dynamic DNS entries we requested in the XSEDE dyn.xsede.org domain. Unfortunately, we have been having some trouble using the keys they sent us so are waiting on a response from them – possibly there is a version mismatch in our client. In the interim, we have most of the secondary Inca server setup completed on gw60, our VM on quarry. We were waiting for gw60 to be migrated over to the new VM infrastructure at IU along with the other XSEDE VMs, which was completed a few hours ago. So, we will sync the gw60 Inca server with our SDSC server next week so that it will be ready to go once we figure out our issue with the dynamic DNS updates. We will then plan an outage so we can test our update script that uses wget to detect when our primary server, capac, is down and will switch the DNS entry over to gw60 and as well switch it back when capac is up.