Inca Operations Report

At the time of this report, the Inca deployment was executing 874 tests for XSEDE software and services. Of these, 120 of these tests were running for six central XSEDE services: Inca, Information Services, Karnak, MyProxy, User Portal, and XDCDB. The table below shows the definition of an outage for each service and the uptime percentages as detected by Inca. All services fall within acceptable limits of their high availability service definition.

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| **Service** | **Definition of outage** | **Uptime**  **(Details of outages)** |
| Inca | Inca status pages are unavailable or not able to fetch data from the database (i.e., test details page fails to load). Tests every 5 mins. | **~100%**  (Two failures for 25 minutes of downtime) |
| Information Services | Information Web pages are unavailable. Tests every 15 mins. | **~100%**  (One brief outage for 15 minutes of downtime) |
| Karnak | Karnak front page fails to load. Tests every 30 mins. | **88.7%**  (Three outages for total of 244 hours of downtime) |
| MyProxy | MyProxy server does not respond to credential query check. Tests every hour. | **100%**  (No outages detected) |
| User Portal | Portal front home page fails to load correctly. Tests every 10 mins. | **~100%**  (One brief outage for 10 minutes of downtime) |
| XDCDB | Connection to database refused or slow (using check\_postgres.pl script). Tests every 5 mins. | **~100%**  (Two brief outages for 25 minutes of downtime) |

Table