iRODS Consortium Hosting and Testing Terms

The iRODS Consortium maintains a Continuous Integration (CI) system to ensure that various hardware and software platforms are fully supported and compliant with a verified set of iRODS software releases and deployment configurations (e.g., operating systems and relational databases). The Consortium also performs distributed topology testing, which exercises test iRODS deployments with varied configurations of remote resource servers, and testing of iRODS Federation capabilities, including compatibility testing with previous versions of iRODS.

The Consortium CI system is run on both a per-commit basis for single server testing and an hourly basis for topology testing, in order to catch defects quickly.

The iRODS Consortium offers the benefit of including a Client's hardware and software ("Platform") within the Consortium's Continuous Integration system. This benefit is provided for a fee outlined in the iRODS Consortium Rate Table or a separate Support Services Agreement, according to the following terms:

1. Client and iRODS Consortium Staff may agree to include special purpose plugins (e.g., a new storage resource plugin) as a component of the Platform.

2. Client will provide reasonable technical assistance to install, configure, maintain, and incorporate the Platform into the iRODS CI system.

3. The iRODS Consortium will make and maintain necessary modifications to the iRODS build and packaging processes to ensure that current and future iRODS releases are available for the Platform.

4. The iRODS Consortium will provide the Client with timely notification regarding any difficulties encountered in maintaining a functional build and test process on the Platform.

5. The iRODS Consortium will produce binary packages to install and use iRODS on the Platform. These packages will be made available for public distribution, unless restricted by request of the Client.

6. The iRODS Consortium will test the packaged iRODS configuration on the Platform using a suite of tests that is the same or functionally equivalent to the suite of tests used for other platforms in the iRODS CI system.

7. The iRODS Consortium will provide a portal where build and test status can be monitored in real time. Presently, this site is located at [https://jenkins.irods.org/] (https://jenkins.irods.org/)

8. The iRODS Consortium will provide relevant performance metrics, if collected. Presently, only pass/fail and test time are reported.

9. The iRODS Consortium will provide the Client with tours of the data center that hosts the Platform, upon request, subject to operational requirements (e.g., employee availability). Client will provide a minimum of 2 business days' lead time when requesting a site visit.

10. The iRODS Consortium and Client grant each other mutual permission to create and distribute marketing materials that describe the Platform and its status in the iRODS CI system.