

Technical Review - Sustaining NEP-101

Technical Review - Deliverables

Key Tasks	Start Date dd/mm/yy	End Date dd/mm/yy	Person Days	Budget	Milestone / Deliverable
Glint			200 (1 FTE)		Installation of Glint into the OpenStack software stack
Shoal Squid CVMFS			50 (0.25 FTE)		Expanded production deployment of Shoal for ATLAS and Belle-II
Ongoing maintenan ce			50 (0.25 FTE)		The services used for production operation of ATLAS, Belle-II and CANFAR require support.
Data federation			100 (0.5 FTE)		Continued development and testing of the UGR data federation system

Technical Review - Glint

- Ongoing maintenance
- Command Line Interface created
- Python PIP package in production
- Initiated OpenStack review
- Testing and Documentation ongoing

Technical Review - Shoal

- Production support
- Packaging:
 - PIP installation for non-RedHat distributions.
 - RPM packaging now complies with RedHat standards.
- Changes and bug fixes:
 - Utilization of previously ignored configuration values.
 - Clock-drift detection and webUI added to Shoal server.
 - Improved proxy verification; dedicated thread, verification timeouts.
 - Configuration file improvements/documentation.
 - Log rotation.

Technical Review - Maintenance

- ATLAS and Belle-II production.
- RPI registry:
 - New documentation created for “HEP Data-Intensive Distributed Cloud Computing” platform.
 - Platform registry updated to reflect new content.
 - <https://github.com/hep-gc/rpi-web/wiki/HEP-Data-Intensive-Distributed-Cloud-Computing>

Technical Review - UGR

- Configuring namespace flattening
- Setting up a browseable directory in addition to Rucio translation directory
- Setting global default properties to simplify configuration
- Debugging