

# 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.

## Technical Review - UGR

- Applying updates to latest releases.
- Debugging Rucio plugin functionality.
- Script for programmatically generating endpoint config is working, but many of the endpoints themselves may need debugging.