

2015-10-13 Nebula Maintenance

On Tuesday, October 13th from 10:00am to 12:00pm the Nebula web interface and API interfaces will be unavailable for maintenance.

We will work on:

- Upgrading kernels and software on the controller node
- Upgrading Horizon (the web interface to OpenStack) to [2015.1.1-1.el7](#) from 2015.1.0-7.el7
- Testing the addition of new storage servers, but restricting access to specific projects (like the way Nova handles availability zones)
- Possibly uninstalling the [aging and possibly deprecated](#) Amazon EC2 API that comes with OpenStack and replacing it with a [third-party plugin](#)
- Possibly installing Ceilometer

Instances and networking to those instances will continue to work as expected during the maintenance time. Functions that try to provision new instances or volumes will not work, however.

Maintenance was completed at 12:00pm CDT.

- Kernels and other system software were updated and the controller node was rebooted.
- Restarting the controller node caused three compute nodes to become unresponsive because rabbitmq stopped talking. Restarting services on the compute nodes remedied the situation and did not cause any problems. Services on all compute nodes were restarted 'just in case.'
- The Horizon update was installed, but the new python-django-horizon package [tickled a bug in python-django-openstack-auth](#) and had to be reverted. We won't be able to upgrade until Liberty, but that's OK because this was just a rebuild with no new functionality or fixes.
- Tested storage server addition, but still have some unresolved issues that will need to be tested next time.