

Gluster Storage Management

oVirt Workshop - Bangalore October 2012

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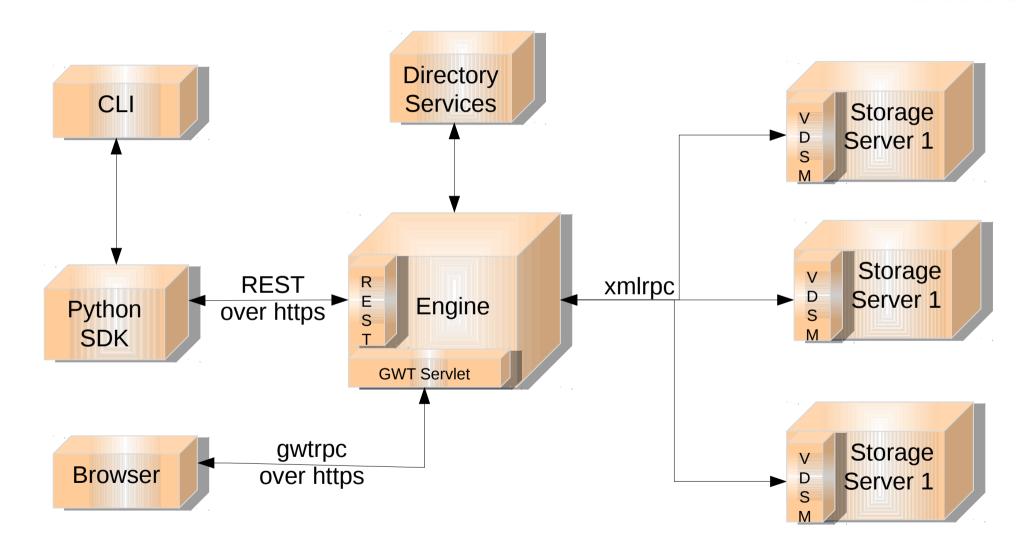
Introduction



- Management console for Gluster Storage
- Based on oVirt platform
- Create and Manage Storage Clusters
 - Create / expand / shrink / delete Clusters
 - Create / expand / shrink / manage Volumes
- Advanced Search capabilities
- Audit and Alerts
- Gluster plugin for VDSM

Architecture





Features



- Cluster Management
 - Create Cluster
 - Add / Remove Storage Servers
 - Delete Cluster
 - Import existing Clusters
- Volume Management
 - Create Volume
 - Add / Remove bricks
 - Start / Stop volume
 - Delete Volume

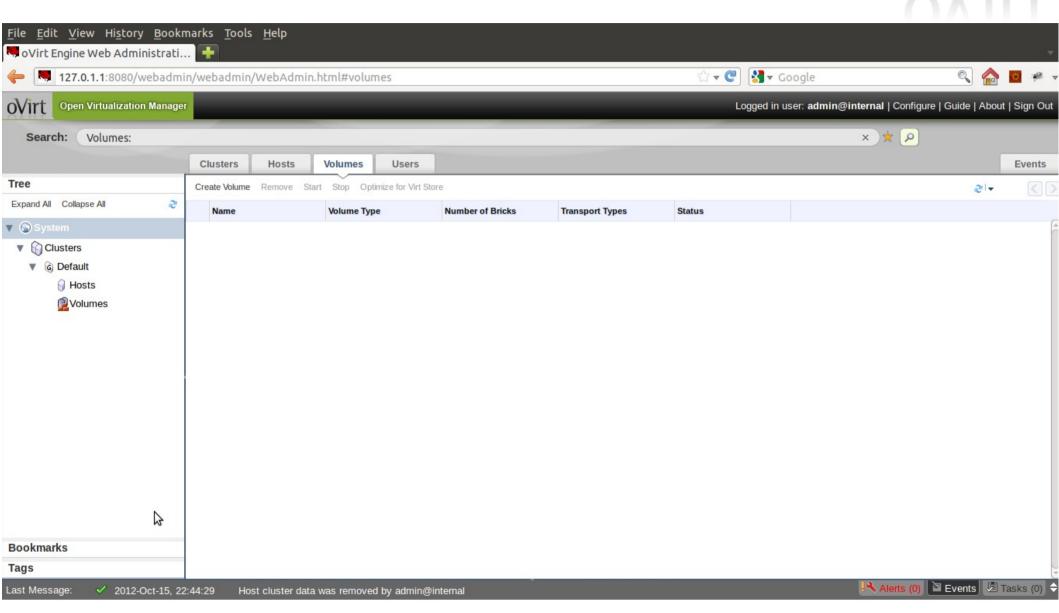
Features contd...



- Optimizing the Volume for Virt Store
- Event Notifications and Alerts
- Gluster Mode & Customized Web UI
- REST api
- Python CLI & SDK support

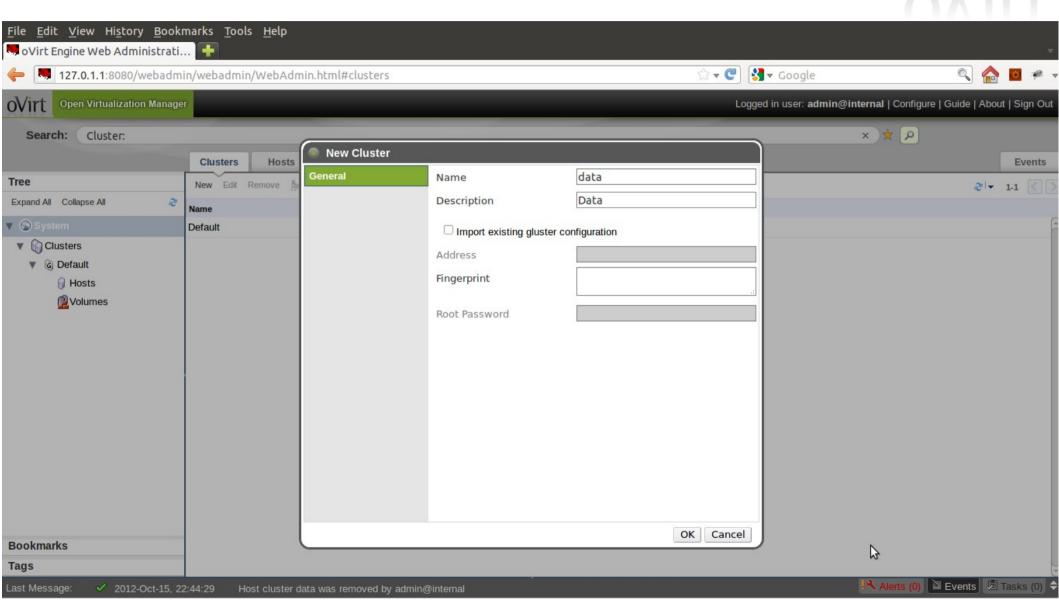
Landing





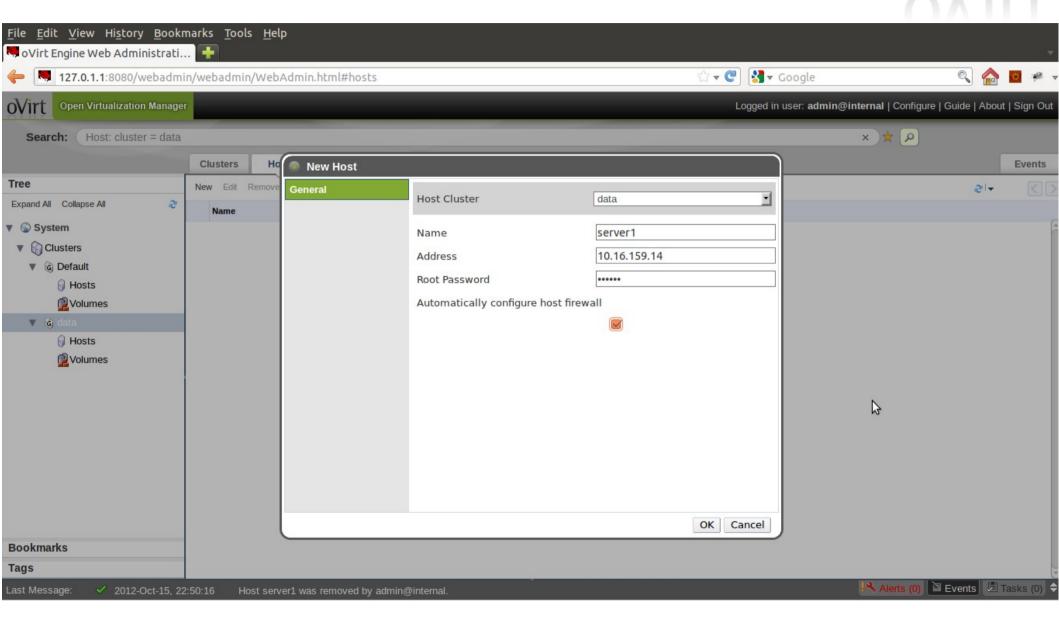
Creating Cluster





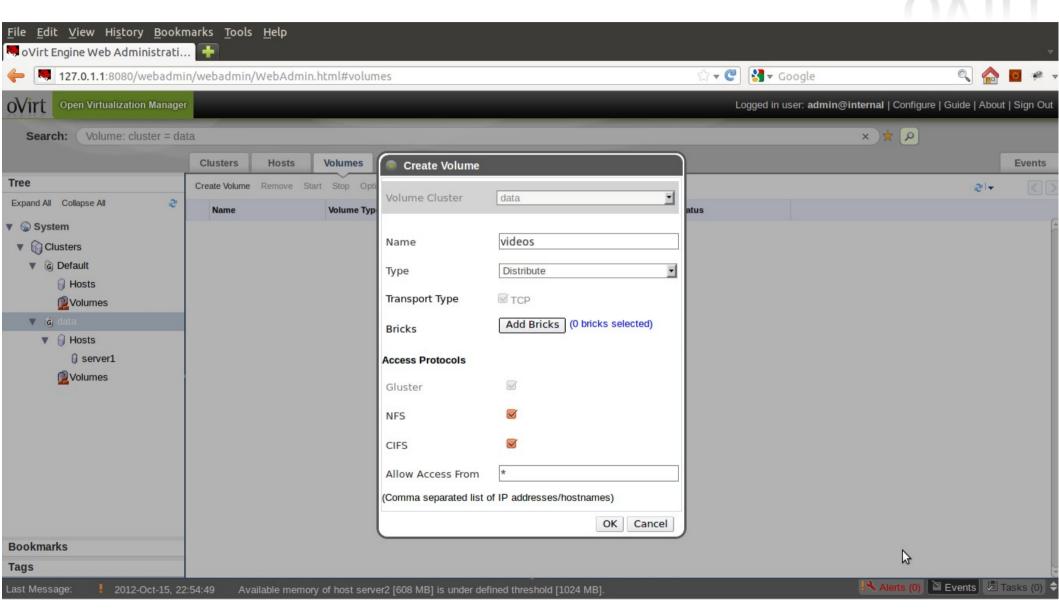
Adding Host to Cluster





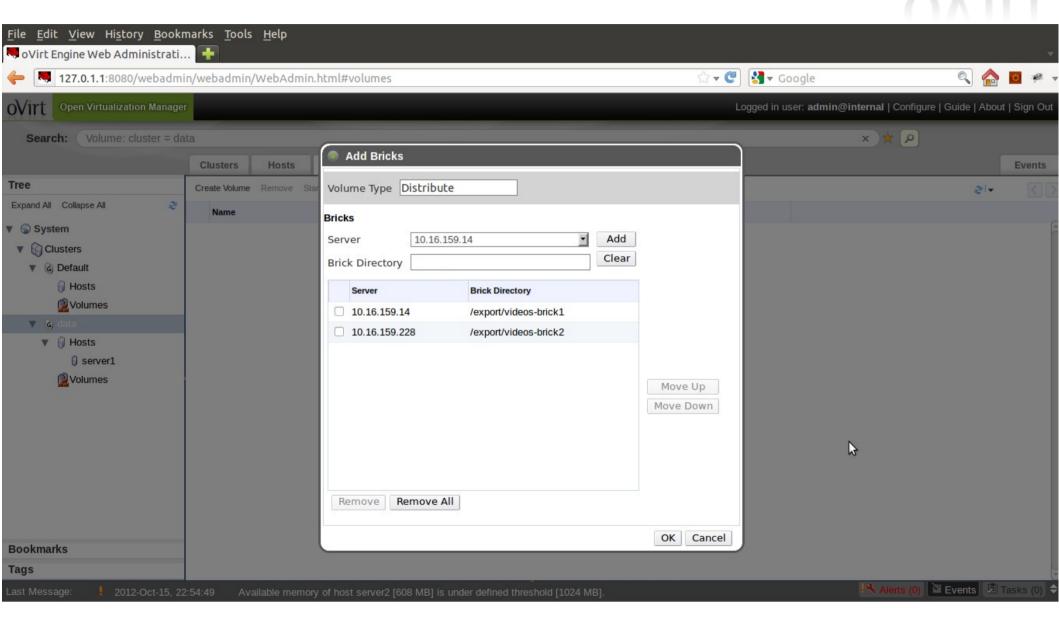
Creating Volume





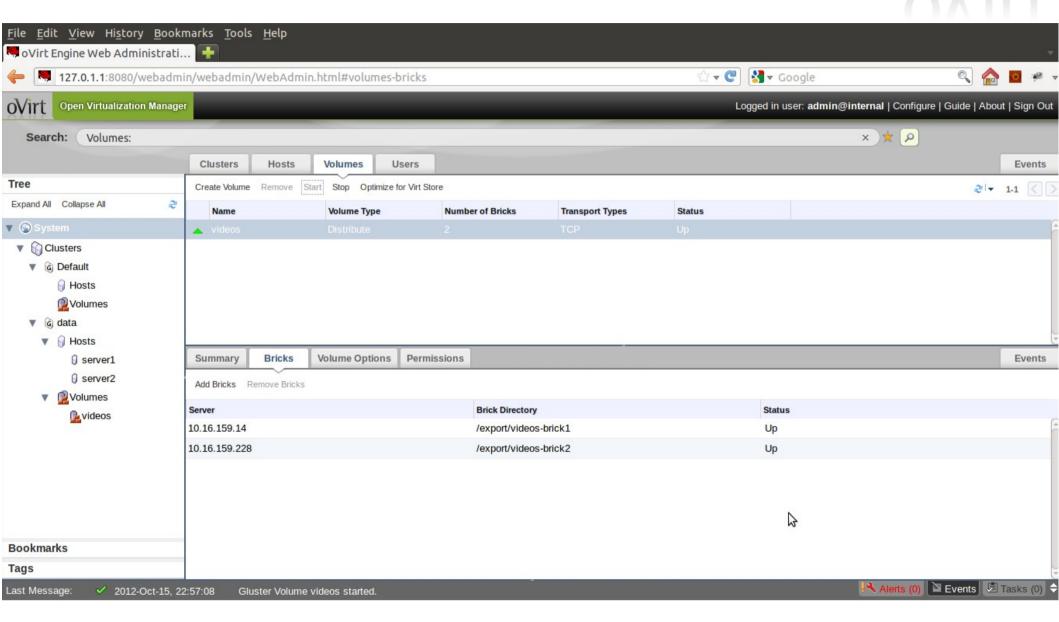
Adding Bricks to Volume





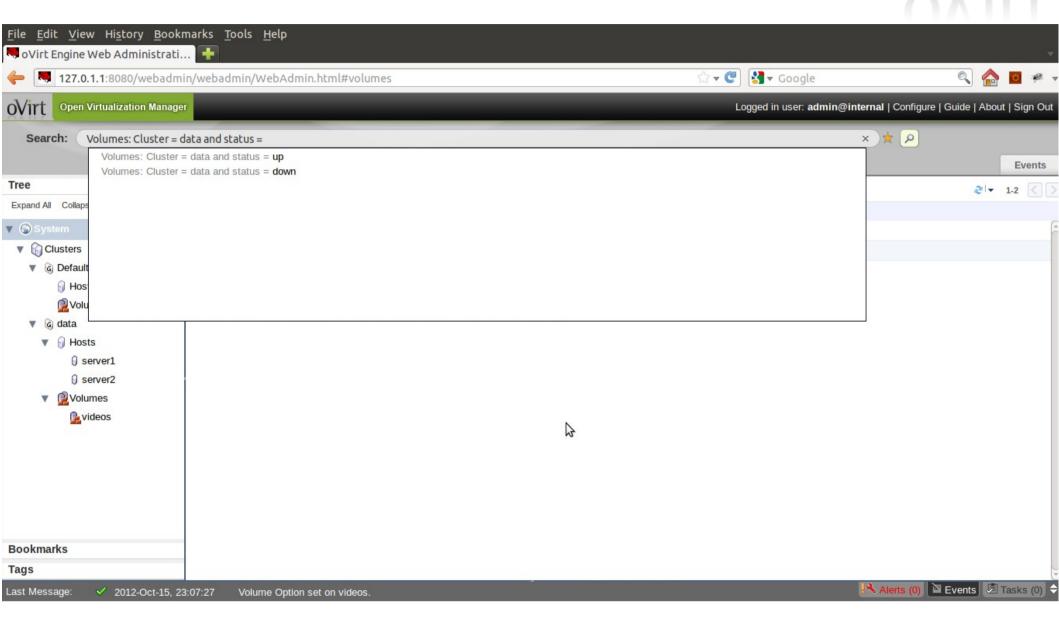
Searching Volumes





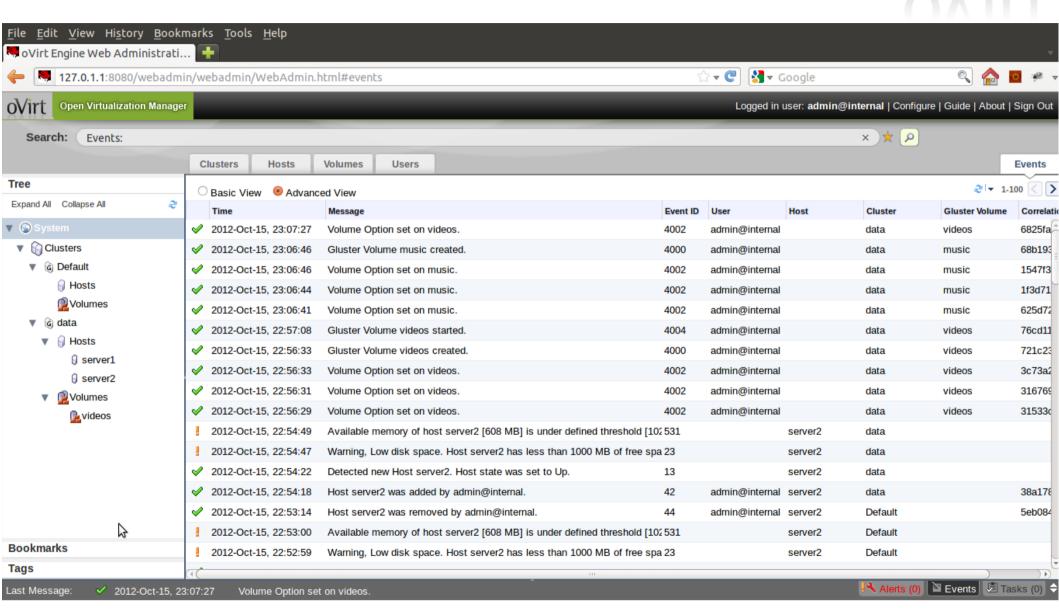
Expanding/Shrinking Volume





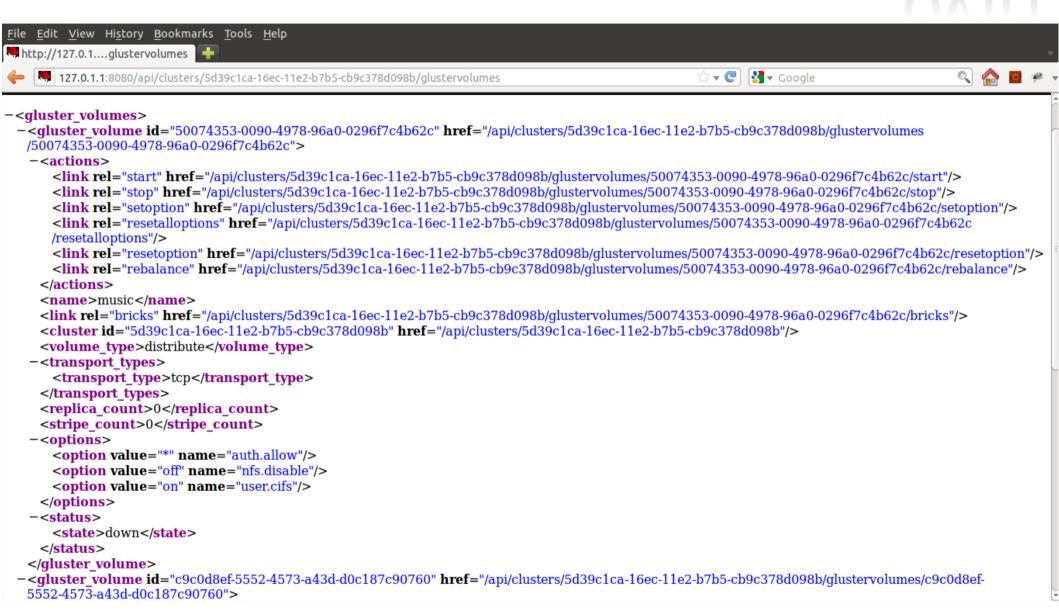
Events





REST Api





oVirt

Demo

Upcoming



- Sync with Gluster command line
- Support for creating geo-replicated volumes
- Top and Profiling
- Managing Gluster hooks
- Async Tasks
- UFO
- And lot more...

How To Contribute



- Git repository
 git://gerrit.ovirt.org/ovirt-engine
- IRC Channel
 - #ovirt on oftc

oVirt

Q & A



THANK YOU!

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