

# OpenStack® Project and OpenStack Foundation

**Eileen Evans**  
**Vice President & Deputy General Counsel**  
**Hewlett-Packard Company**

4 October 2013



# Agenda

- What is the OpenStack Project?
- OpenStack Project and the “4 Opens”
- OpenStack Licensing Model, Contribution Model and Trademark Policies
- OpenStack Foundation Timeline
- Formation of OpenStack Foundation
- Lessons Learned – Moving to a Foundation



# What is the OpenStack® Project?

- “OpenStack is a global collaboration of developers and cloud computing technologists producing the **ubiquitous open source cloud computing platform for public and private clouds.**”\*
- Founded by Rackspace Hosting and NASA in July 2010
- History of the OpenStack Project
- One of the fastest growing open source projects today:
  - Over 200 participating organizations
  - Nearly 12,000 individual participants

\*<http://openstack.org/>



# OpenStack releases

- Major release every 6 months (spring and fall)
  - Grizzly: current release
  - Havana: to be released in October 2013
- Plans for next release made at OpenStack Summit, which occurs shortly after each major release
  - Portion of Summit is a technical, working discussion
  - Blueprints are submitted and discussed at the Summit
  - If blueprints accepted, development and testing of code follow



# OpenStack Project and the “4 Opens”

## Committed to the “4 Opens”

1. Open Source
  - Open source software -> not be limited in functionality or scalability
2. Open Design
  - Design summits -> open to the public
3. Open Development
  - Publicly available source code repository
4. Open Community
  - Community participation processes -> open and transparent



# OpenStack legal agreements

- OpenStack code is available under Apache 2.0 license
- Apache contribution model
  - ❖ Corporate Contributor License Agreement
  - ❖ Individual Contributor License Agreement
- Trademark policies and agreements



# OpenStack governance

## Prior to OpenStack Foundation

**Project Technical  
Leads (PTLs)**

**Project Policy  
Board (PPB)**

**Rackspace/  
OpenStack, LLC**



# OpenStack Foundation

## Rackspace announces intention to transfer Project

### October 2011





# OpenStack framework commitment signed

## Platinum Sponsors

- AT&T
- Canonical
- HP
- IBM
- Nebula
- Rackspace
- Red Hat
- SUSE

## Gold Sponsors

- Cisco
- Cloudscaling
- DreamHost
- Dell
- ITRI
- Mirantis
- Morphlabs
- NetApp
- Piston Cloud
- Yahoo!



# OpenStack Foundation Timeline, April-October 2012

- Foundation Platinum/Gold Framework Commitment deadline (5 Apr.)
- Drafting Committee formed (late April)
- Governance revisions (May-June)
- Governance docs finalized (18 July)
- Foundation sign up closed (15 Aug.)
- Gold & Individual Directors elections
- Initial OpenStack Foundation Board of Directors meeting
- Project Technical Lead Elections
- **Official Foundation launch (19 Sept.)**
- Technical Committee Elections
- Initial quarterly OpenStack Foundation Board of Directors meeting

April /May/June

July/August

September

October



# Formation of the OpenStack Foundation

- Decision made to form OpenStack Foundation, not join an existing foundation
- Small legal drafting committee formed
- Business leaders forum
- Key issues
  - Not a “Blank Slate”
  - Technical meritocracy
  - Different interests and opinions



# OpenStack governance after OpenStack Foundation

## Prior to Foundation



## OpenStack Foundation

- **Project Technical Leads (PTLs)** elected from project contributors for each release to set technical direction for each project
- **Project Policy Board (PPB)** members elected at-large to establish policies across projects
- **Rackspace/OpenStack, LLC** managed community, release, marketing, PR, event, legal, etc.

- **Project Technical Leads (PTLs)** remain – no change
- **Technical Committee** – minor changes
- **OpenStack Foundation** assumed responsibilities previously held by Rackspace/OpenStack, LLC



# Lessons learned – moving to a foundation

- 6 months of open dialogue vetted issues well, made drafting process easier
- Member companies signed commitment letters
- Business leaders forum
- Small legal drafting committee
- Parallel legal and business meetings



# Summary

- OpenStack Project and the “4 Opens”
- OpenStack legal agreements
- OpenStack Foundation timeline
- Formation of OpenStack Foundation
- Lessons learned – moving to a foundation



# Questions?

The OpenStack™ Word Mark and OpenStack Logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation in the United States and other countries and are used with the OpenStack Foundation's permission.

