



# How Ubuntu is Enabling OpenPOWER and Innovation

**Randall Ross**  
**Canonical, Inc.**



# Canonical

The **company** behind **Ubuntu**

---

- Platinum OpenPOWER member

**2004**  
FOUNDATION

**600+**  
EMPLOYEES

**30+**  
COUNTRIES



4

# The Leader

---

Ubuntu is the **leading**  
free & open source  
**scale-out OS**

- 6 month release cycle (rapid innovation)
- OpenStack Leadership
- Diverse Scale-Out / Cloud ecosystem



# The First

---

The first free/open-source OS to support OpenPOWER  
(POWER8 little endian)

# The Only

---

The **only** free & open-source OS to support Coherent Accelerator Processor Interface (CAPI)

# The Community

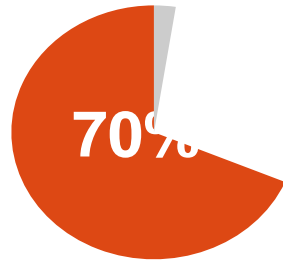
---

- It Matters
- Its all about **Innovation**
- We understand the **Problem**

# The Developers' Choice

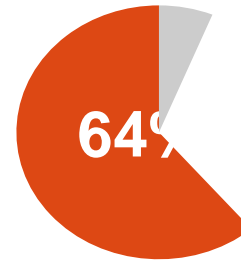
---

Ubuntu is the leading free & open source cloud OS, ideal for scale out



Public guests  
hosts

Sources: Various, Consolidated clouds\*  
Survey 2014

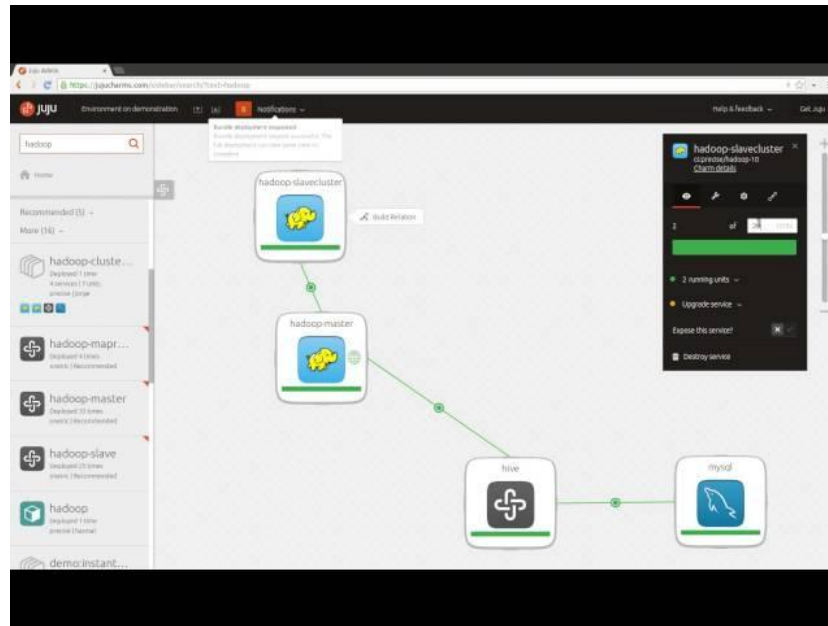


OpenStack

Source: OpenStack

# The Orchestrator

Ubuntu's **Juju** can help you orchestrate entire solutions that shine on POWER, e.g. Big Data, TurboLAMP... (using charm bundles)





# The Ecosystem

---

Ubuntu (Canonical) is spearheading the OpenPOWER Foundation's **Integrated Solutions** working group

# Solutions Matter

---

People will want OpenPOWER because they will see it's not only the best way, but also the easiest way to get big problems solved.

# Be Here! Tomorrow @9:30AM

You are invited to the first ever ...

## ISV Roundtable



**Plan to Attend  
Meet the Community!**

Presentations  
Lightning Talks  
Panel Discussions  
Meet & Mingle

We're creating solutions that harness the unique capabilities of the OpenPOWER architecture in game-changing ways. Join us.



Thursday, March 19th 2015: 9:30 am – 11:00 am

Event Info: <http://openpowerfoundation.org/2015-summit/>

Registration: <http://registration.gputechconf.com/>

# Thanks! and Remember

---

- We are the facilitator
- 
- Solutions matter
- 
- Thursday 9:30am – Be **HERE**

# Contact Us!

---

[www.ubuntu.com/server](http://www.ubuntu.com/server)

[www.ubuntu.com/cloud](http://www.ubuntu.com/cloud)

<[randall@ubuntu.com](mailto:randall@ubuntu.com)>

twitter [@buzzgen](https://twitter.com/buzzgen)