

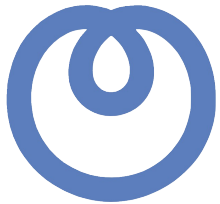


OpenStack in Production

Telco & Public Cloud



at&t



NTT



中国移动通信
CHINA MOBILE

Enterprise Private Cloud

Bloomberg

ebay

SAMSUNG

- *And others:*
- Major US Retailers
- Major US Media Networks
- Major global financial
- Major petrochem services

Industry / Telco



Tech



Finance



Healthcare

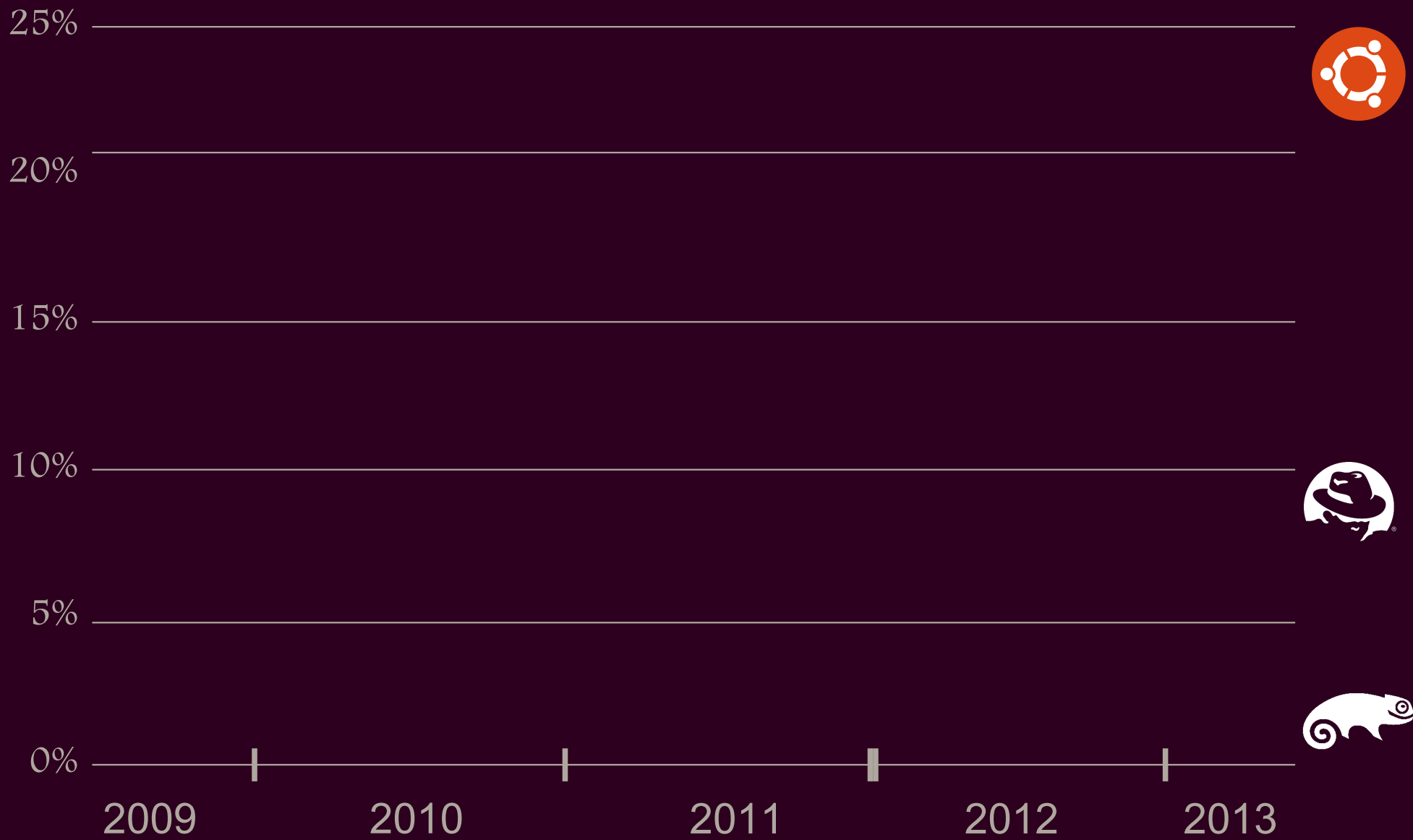


Public sector



Education





Hadoop HBase Condor MongoDB

Oracle, SAP, Siebel, etc.
Solaris
Deal with more transactions



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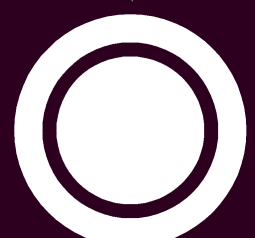


Data Volume

Scale
UP

Scale
OUT

small servers deal with
much more data



SCALE

economics : tools : ecosystem

High Availability

Ubuntu OpenStack HA by default



Fully certified.



Fully certified.

A large orange circle containing the text '#1' in white, positioned to the left of the main list of features.

#1

- Fast
- Easy
- Standard
- Stable

- *Reference OS for OpenStack development*

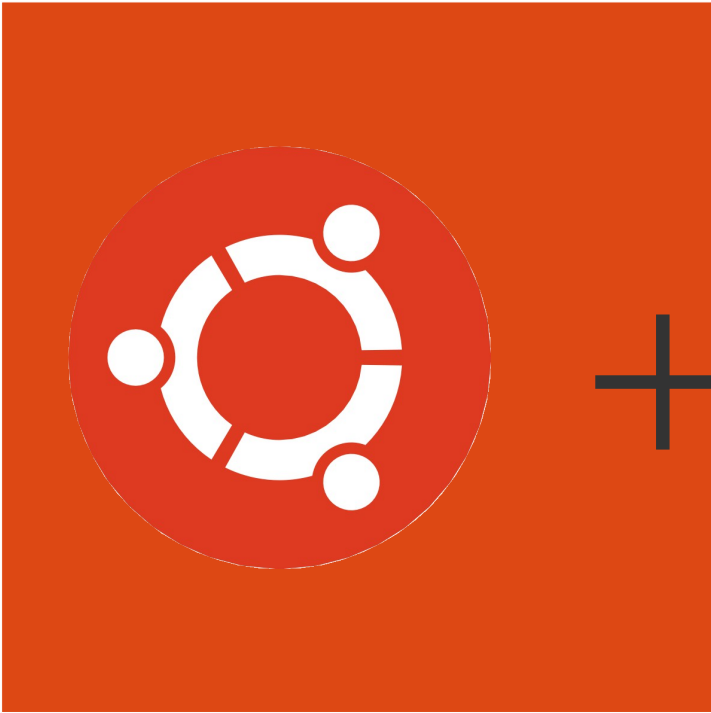
- *Default IAAS in Ubuntu since 'Bexar'*



- First enterprise platform to ship KVM
- Largest install base of host & guest



- Majority of workloads on Amazon EC2
- Full support for OpenStack with Xen



+

+

vmware

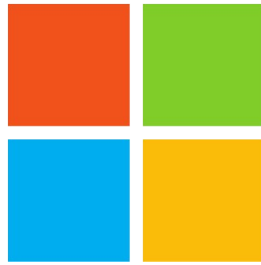
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vSphere

*Ubuntu OpenStack connects to vSphere & ESX
fully certified and supported by VMware & Canonical*

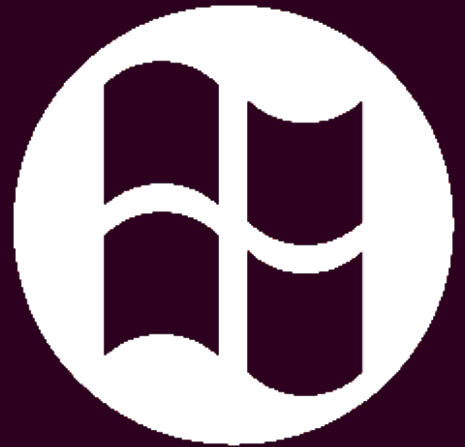
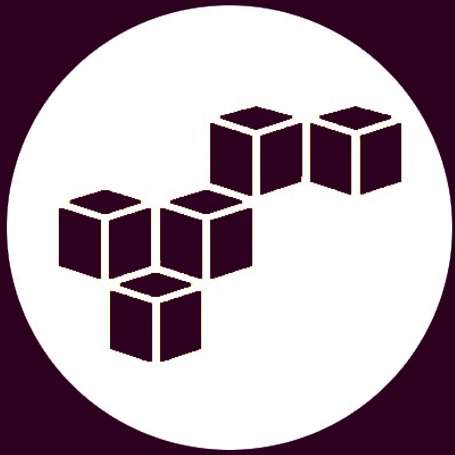


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Microsoft

Ubuntu is #1 Public Cloud Guest Linux



OpenStack matches Ubuntu cadence

I

Ubuntu 14.04 LTS

April 2014

H

Ubuntu 13.10

October 2013

“Grizzly”

G

Ubuntu 13.04

April 2013

“Folsom”

F

Ubuntu 12.10

October 2012

“Essex”

E

Ubuntu 12.04 LTS

“Diablo”

D

Ubuntu 11.10

“Cactus”

C

Ubuntu 11.04

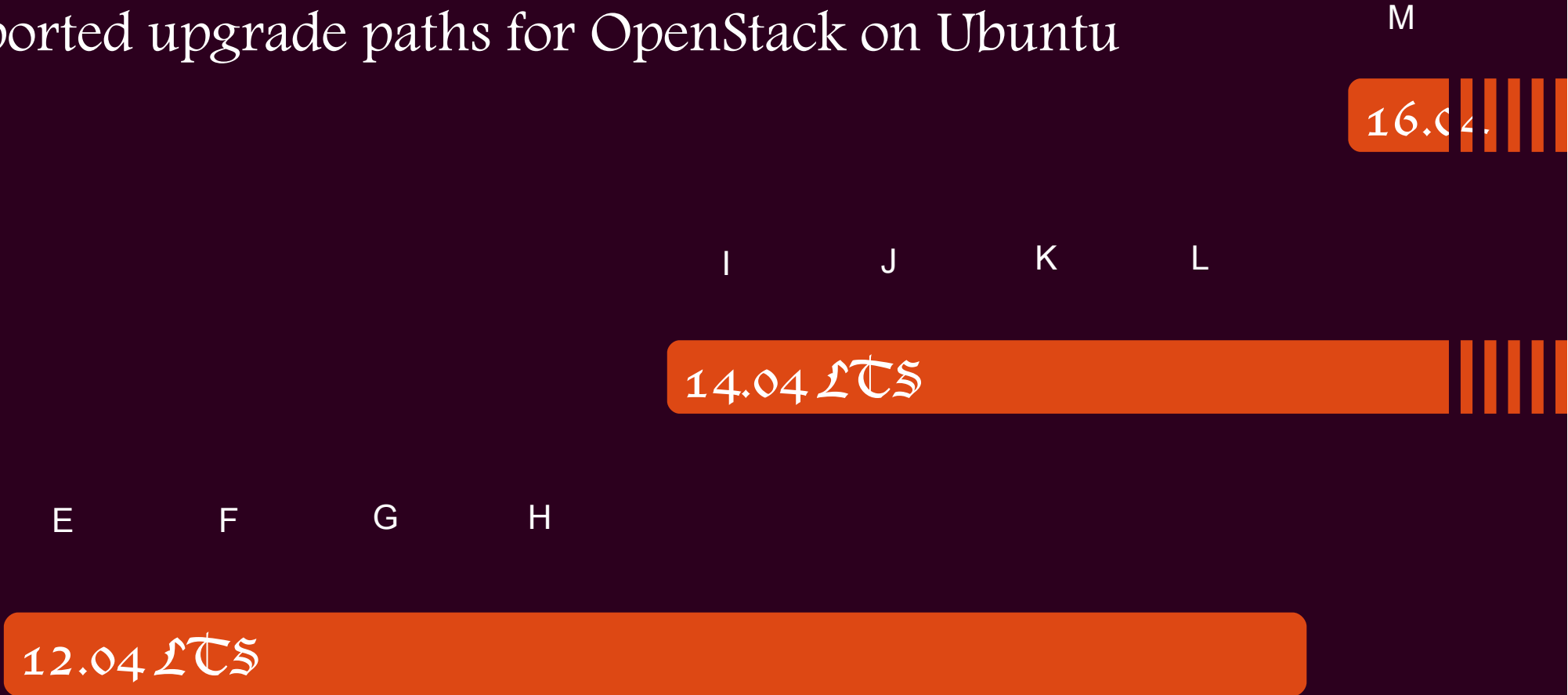
OpenStack Release

Regular Ubuntu Release

Ubuntu LTS Release

Long-Term Support

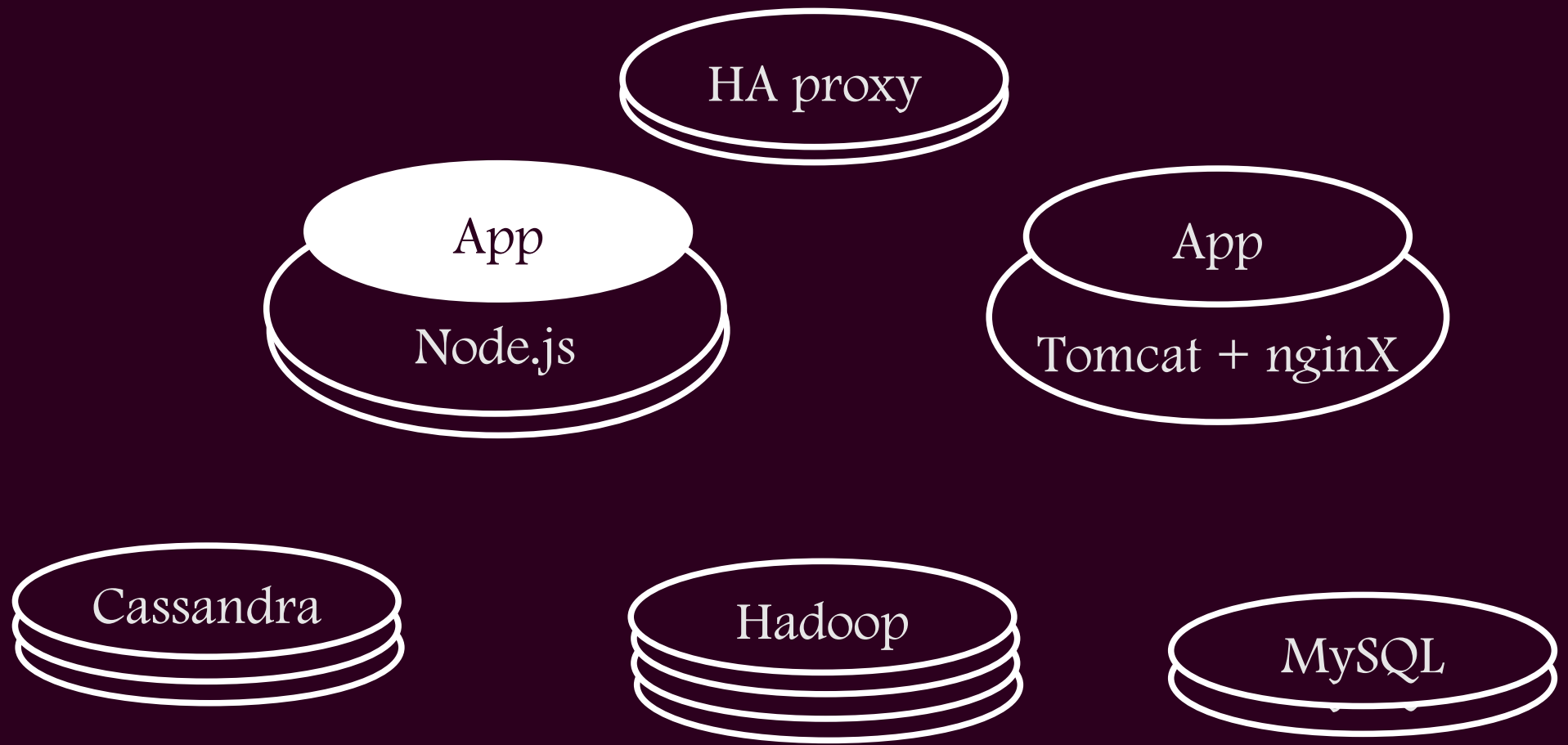
Supported upgrade paths for OpenStack on Ubuntu





העברת

Juju is magic
orchestration



MAAS
/
Nova

Juju

diskimage-builder

os-config-applier

os-refresh-config

HEAT

Puppet / Chef

Packages

Provisioning

Software

Configuration

State

Orchestration



vmware®



plug-in ecosystem

inktank

Ubuntu underpins 4 major fields of innovation

IAAS

PAAS

SDN

SOSS



Management

compliance – audit – updates – monitoring

Evolution

experiment - evaluate - test & dev - production

20,000,000 users

openstack uptime is our business

Predictable Pricing

Small	<i><100 nodes</i>	\$75k
Medium	<i>100-499 nodes</i>	\$180k
Large	<i>500+ nodes</i>	\$350k



= VM Density

