

CloudStack – the best kept secret in the cloud

Giles Sirett

CEO ShapeBlue

Twitter: @GilesSirett @ShapeBlue



apachecloudstackTM



Who is this guy ?

- ❖ CEO - ShapeBlue
- ❖ PMC member & Committer - Apache CloudStack
- ❖ Chairman – European CloudStack user group
- ❖ Declaration: I'm a business guy
- ❖ Also: Physicist, ex-programmer, husband, runner, Dad, rugby coach



About ShapeBlue

“ShapeBlue are expert builders of public & private clouds. They are the leading global Apache CloudStack integrator & consultancy”

About ShapeBlue



IaaS design & build | CloudStack Consulting
CloudStack Infrastructure support
CloudStack Software Engineering
CloudStack training

apachecloudstack™

open source cloud computing

Apache CloudStack is a
scalable,
multi-tenant,
open source,
purpose-built,
cloud orchestration platform
for delivering turnkey
Infrastructure-as-a-Service
clouds

apachecloudstack™

open source cloud computing

- Over 300 *known* clouds in production
- Production use for 6+ years
- Running major public clouds
- Running many enterprise private clouds

Zynga's CloudStack powered "Z Cloud" has over 40,000 physical hosts

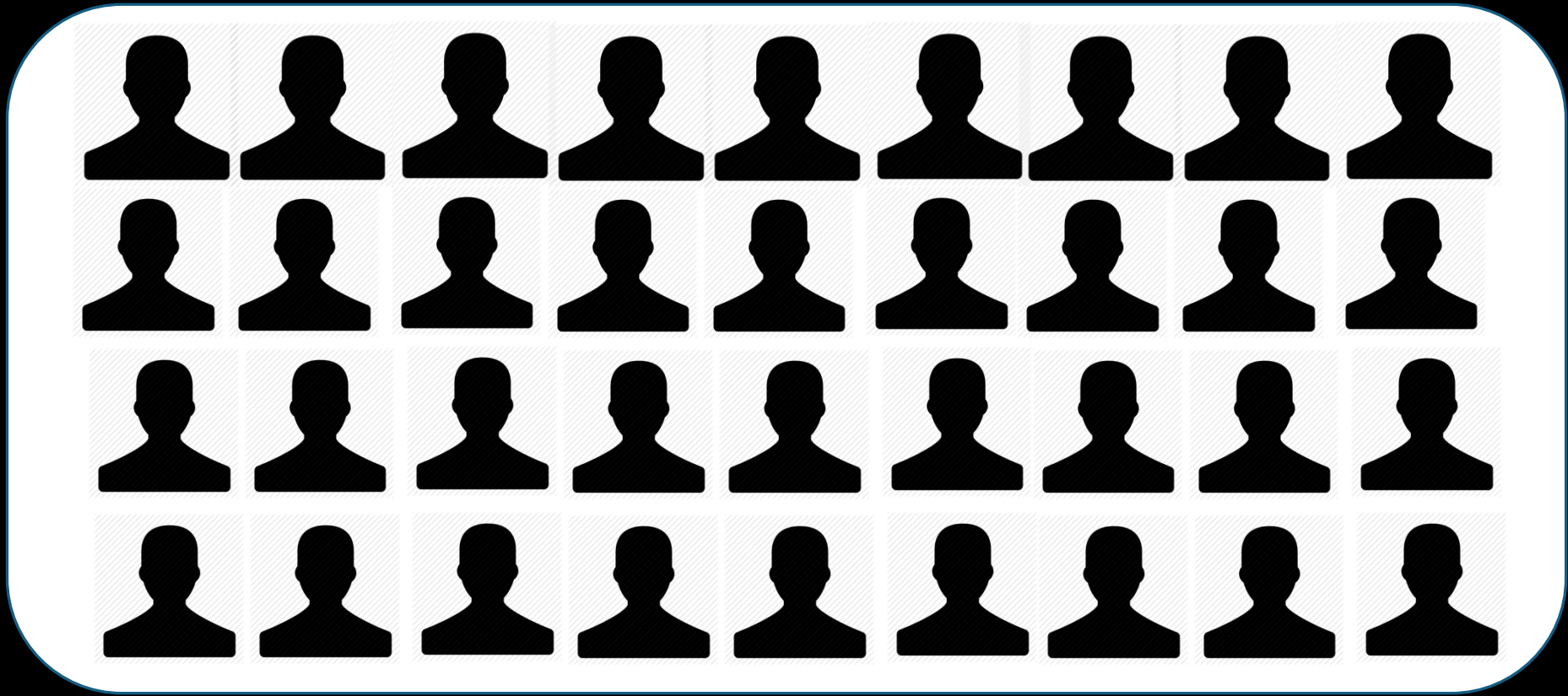
CloudStack Users



CloudStack Users 2.0



CloudStack Users 3.0



“CloudStack – Never heard of it!”

Architect at unnamed
company that now runs a
200 host production
Cloudstack production
environment



CloudStack History

- 2008 – Vmops launches (rebrands Cloud.com)
- April 2010 – Cloud.com Releases CloudStack under GPLv3
- July 2011 - Citrix acquires CloudStack
- April 2012 - CloudStack donated to Apache Software Foundation
- November 2012 – First Apache CloudStack Release (4.0)
- March 2013 - CloudStack graduates from ASF Incubator
- 2014 – Majority of committers are not from Citrix

Why CloudStack ?

Apache CloudStack is

the most mature
the most scalable
the most proven

IaaS platform
available today

*“We could see
CloudStack was a
game changer”*

John Gillam, CTO,
BT Cloud

- Apache CloudStack is a “true” opensource project

Easy to take & contribute

Apache governance model is proven....



Our Community is great



200+ active contributors,
70+ organisations
Now 72-86 committers

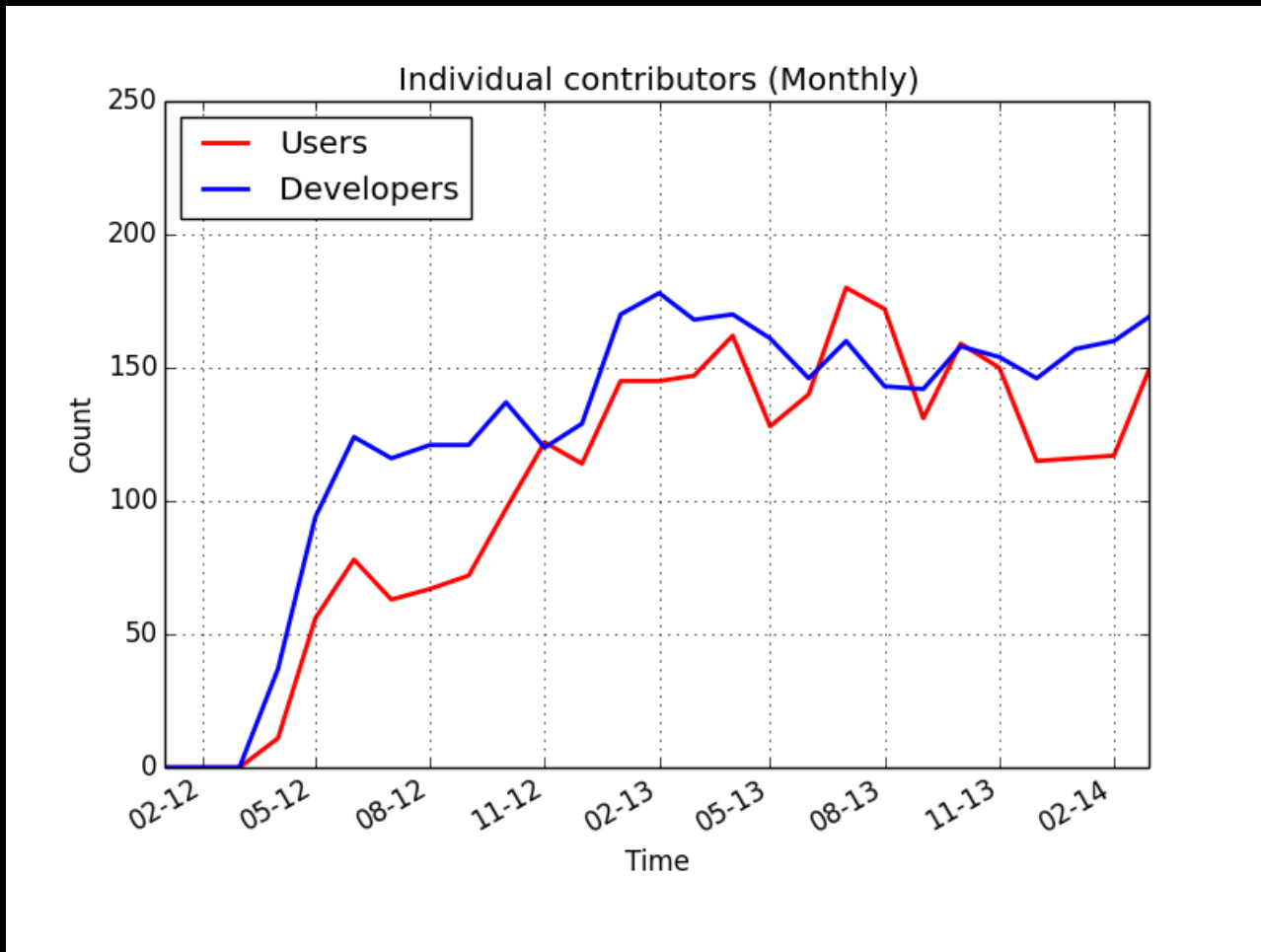


- CloudStack European User Group
- Geneva CloudStack User Group
- CloudStack - Romania
- Australian CloudStack User Group
- CloudStack Brazil User Group
- Vancouver CloudStack Meetup
- Japan CloudStack User Group
- CloudStack India Bangalore Chapter
- CloudStack India Hyderabad Chapter
- CloudStack Pune Meetup
- CloudStack SF Bay Area Users Group
- CloudStack NYC User Group
- CloudStack Boston User Group
- CloudStack DC and NoVA User Group

CloudStack Collaboration Conferences



Our community is driven by users



- Since we became *Apache* Cloudstack
 - C. 26 k commits
 - Peaked at 2.5 Million lines of code
 - 24k unique IP's download our packages in last 12 months

- Currently
 - C.200 active code contributors
 - 81 project committers
 - 32 PMC members (20 organizations)
 - Over 100 people working on translation
 - 3 commercial distributions
 - C. 2500 mailing list msgs per month

So, why is it such a secret then ?

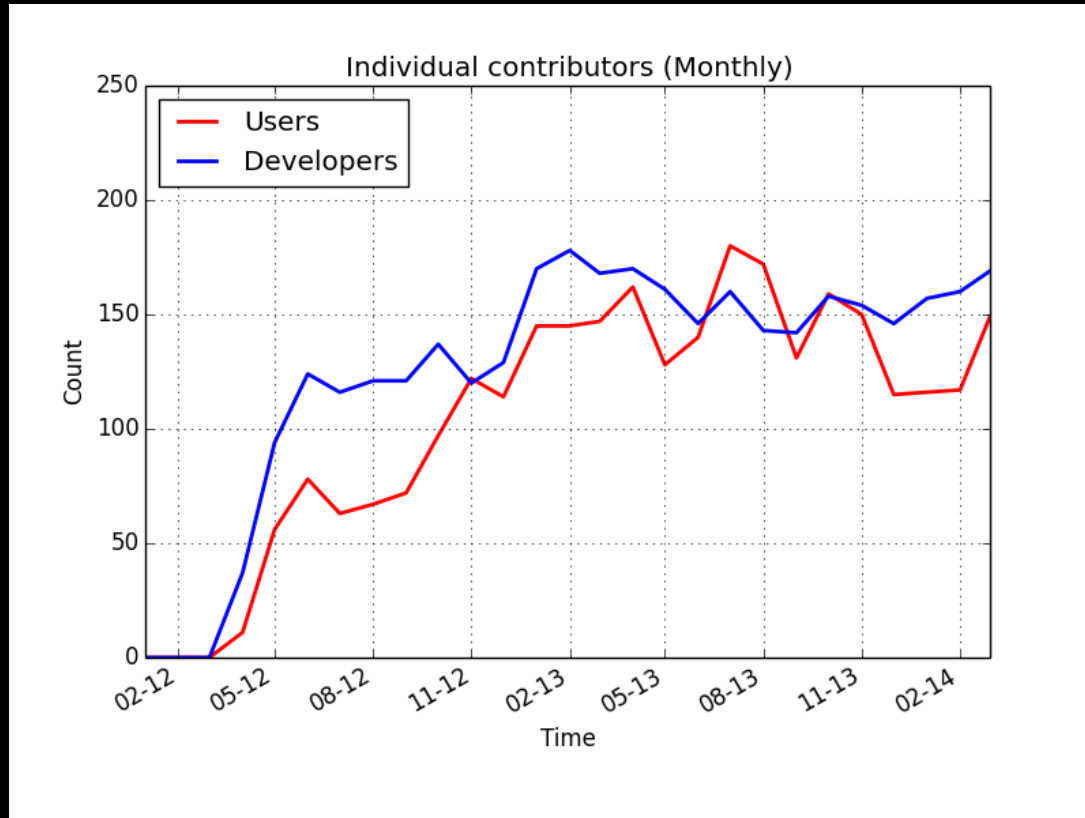


Wrong
place, wrong
time

間違った時に
間違った場所
で

So, why is it such a secret then ?

Our community is driven by users



..not vendors



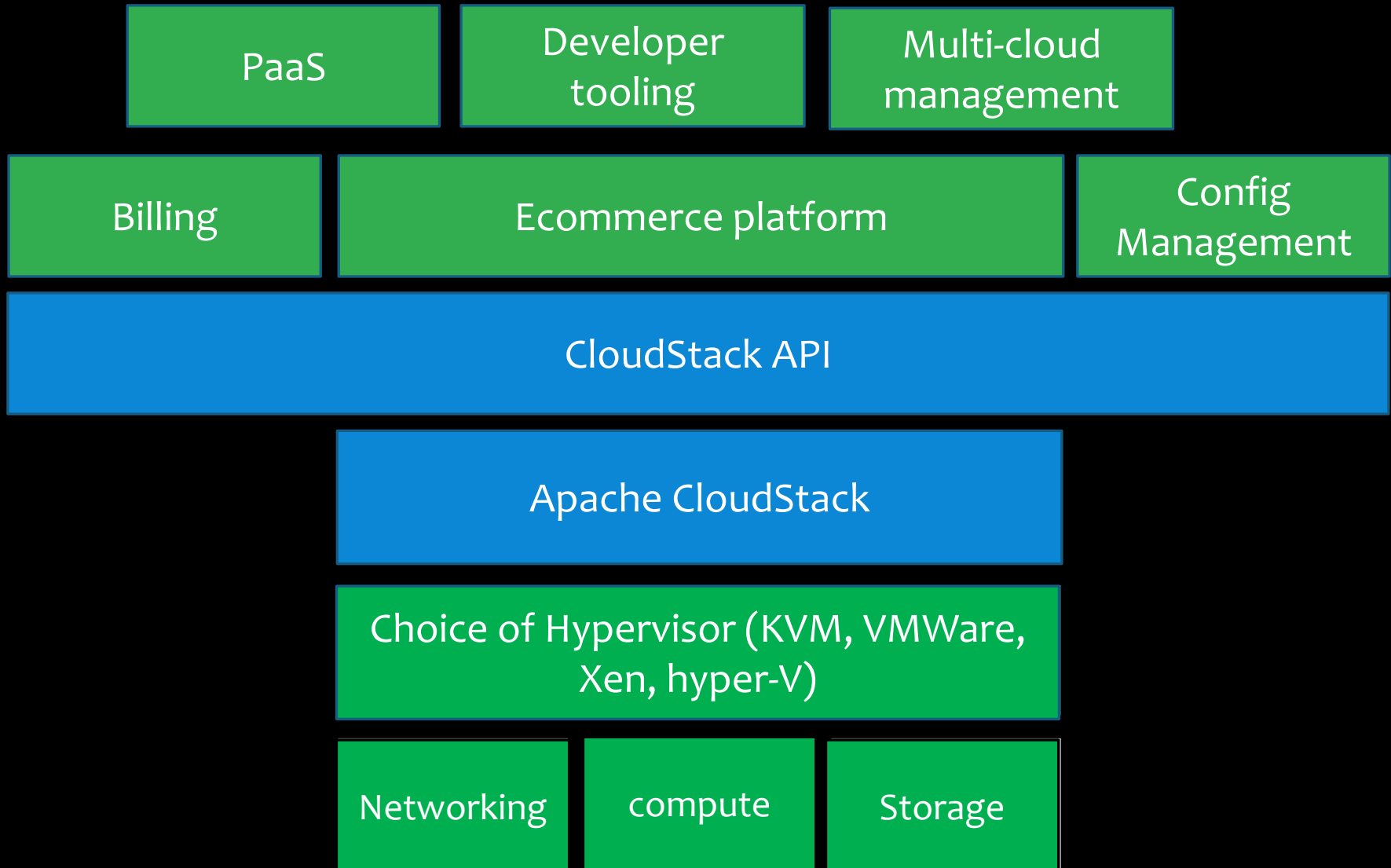
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CloudStack is a defined, integrated, IaaS product.

We have a very focused scope



CloudStack Use-Case's

- Service Provider / public cloud
- Managed Public cloud
- Underpinning Devops
- AWS “insourcing”
- Traditional enterprise workloads

Feature Highlights

- Broad Hypervisor support
- Scalable architecture
- AWS API fidelity
- Networking as a Service (and it works 😊)
- Choice of interfaces
 - Web UI, command line, REST-based API

#CloudStackWorks

部屋の中の象



CloudStack History (again)

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- **April 2015...**

“CloudStack, losing to OpenStack, takes its ball and goes home”

“Citrix, bowing to momentum, joins OpenStack”

“Citrix likes OpenStack, puts a cheap ring on it”

“Citrix Partners With Mirantis To Find Some OpenStack Love”

The facts

- ❖ CloudStack ≠ Citrix
- ❖ CloudStack is an Apache project (since 2012)
- ❖ CloudStack is a TRUE Opensource project
 - ❖ Diverse set of contributors
 - ❖ Many user contributors
- ❖ Being driven forwards
 - ❖ Lots of exciting activity
- ❖ Who is actually developing this technology?.....

The Facts

	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
apache.org	27.6%	24.1%	19.2%	7.8%	6.5%	23.5%	30.8%	30.9%	37.2%	13.1%	26.6%	10.1%
citrix.com	37.4%	30.2%	22.3%	22.6%	15.4%	21.5%	33.2%	26.4%	18.1%	5.4%	2.5%	6.3%
shapeblue.com	0.0%	0.0%	0.0%	14.3%	26.1%	15.2%	3.1%	7.4%	10.9%	22.3%	27.8%	55.7%
schubergphilis.com	0.4%	0.0%	8.8%	27.1%	24.1%	14.9%	6.2%	13.7%	9.9%	25.4%	21.5%	6.3%
gmail.com	16.7%	11.3%	11.4%	11.6%	14.5%	4.9%	8.2%	13.5%	4.9%	4.6%	5.7%	17.7%
onecht.net	4.9%	11.3%	16.6%	3.3%	0.4%	0.7%	1.3%	3.2%	6.6%	9.2%	1.3%	0.0%
solidfire.com	3.3%	0.9%	5.7%	2.1%	4.0%	1.0%	4.1%	2.7%	1.3%	10.8%	2.5%	0.0%
clogeny.com	2.0%	10.4%	8.8%	8.1%	5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
gnsa.us	0.4%	0.0%	0.5%	0.0%	0.2%	15.4%	12.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Lets look forwards

- * Understand this is NOT a vendor technology
- * Recognise that ACS is stronger than ever
- * Understand the benefits of a true opensource model
 - * Development agility
 - * IP ownership
- * Get involved - The project welcomes your help



#CloudStackWorks



Giles.Sirett@ShapeBlue.com

Giles@apache.org



@GilesSirett @Shapeblue



www.ShapeBlue.com

www.cloudstack.org



#CloudStack

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