



cloud
STACK

COLLABORATION
CONFERENCE
BRAZIL

Mike Tutkowski (@mtutkowski)

- March 2018 – March 2019 Chair of the Apache CloudStack Project Management Committee (VP of CloudStack)
- Full-time CloudStack Software Engineer (for over six years)
- Focused on CloudStack's storage component
- Been in the data storage industry for more than 13 years
- Been a software engineer for more than 20 years (Accenture, Agilent Technologies, Hewlett-Packard (LeftHand Networks), and NetApp (SolidFire))



Welcome to Florianópolis

- Home of ~500k people
- Welcomes ~1 million tourists every summer!
- Dozens of beaches to visit
- IT and innovation hub in Brazil

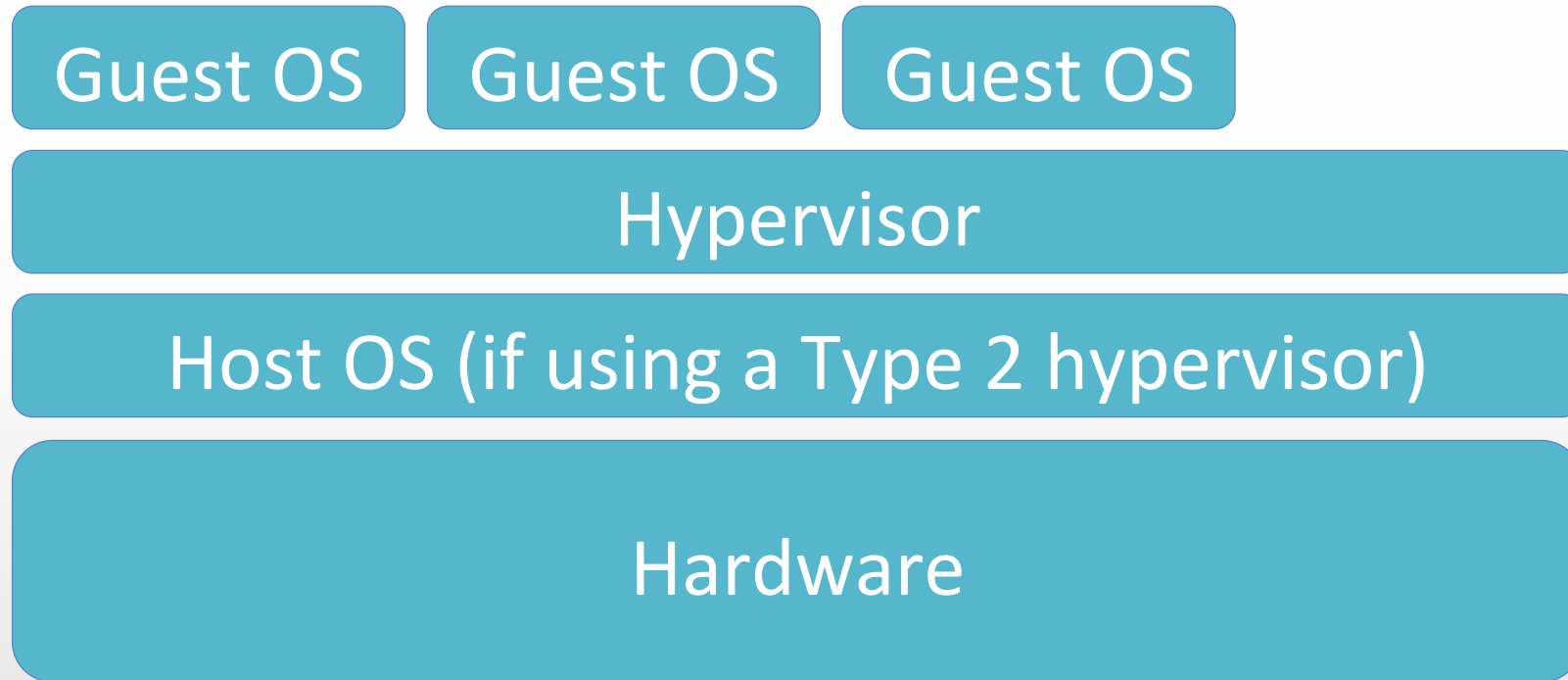
CloudStack Collaboration Conference

History

- Las Vegas, NV – 2012
- Santa Clara, CA – 2013
- Amsterdam – 2013
- Denver, CO – 2014
- Budapest – 2014
- Austin, TX – 2015
- Tokyo – 2015
- Seattle, WA – 2015
- Dublin – 2015
- Montréal – 2016
- Miami, FL – 2017
- Montréal – 2018
- **Brazil – 2019**
- Las Vegas, NV – 2019



We all understand virtualization



CCC is the Guest OS to TDC's Hypervisor



CloudStack Collab Track Registration

08:00 - 09:00

09:00 - 10:00

Opening of the conference at the main auditorium.

10:10 - 11:00

CloudStack Keynote - Mike Tutkowski

11:10 - 12:00

CloudStack in a few minutes - Gabriel Beims Bräscher

12:10 - 13:00

Hyperconvergence for all - Marcos Sungalia

13:10 - 14:00

-- Lunch --

14:10 - 14:30

Two main reasons why you need a backup for your cloud data - Bruna Grellt

14:30 - 14:50

It is not virtualization, it's Cloud! Cloud Hybrid best practices from the perspective of Infra and Platform as a Service - Alberto Cardoso

14:50 - 15:10

Troubleshooting CloudStack XenServer - Marco Sinhoreli

15:10 - 16:00

Migration of Workloads between Public Clouds - Felipe Rossi

16:00 - 16:30

-- Coffee-break and networking --

16:40 - 17:05

How much does my Cloud cost? - Cristian Gonzalez

17:05 - 17:30

Billing with Cloudstack - Alexander Stock

17:30 - 18:00

Benefits and problems with federated authentication in Apache Cloudstack - Ricardo Makino

18:00 - 18:30

Mastering CloudStack monitoring, debugging, logs and metric collections - Gabriel Beims Bräscher

18:40 - 19:00

Closing of the day at the main stage

Thanks to TDC!

The Developer's Conference

The Developer's Conference (TDC) is the largest event related to software development in Brazil.

Let people know we're here



#CloudStack
#ccc2019br



ONE
YEAR

We've been busy with releases

- 4.9.3.1 Released 29 March 2018
 - 4.9.x is an LTS release
- 4.10.0.0 Released 2 July 2018
- 4.11.0 Released 11 Feb 2018
 - 4.11.x is an LTS release
- 4.11.1 Released 3 July 2018
- 4.11.2 Released 13 November 2018
- 4.12.0 Released 14 March 2019



We recently
completed
4.12

- Remote Diagnostics API
- Backup and Recovery Framework
- VMware Offline Migrations
- VPN Implementation based on IKEv2 backed by Vault as PKI Engine
- New Managed Storage features

Releases in development

- 4.13
- 4.11.3 (LTS)



CloudStack Adoption

219

116,796

21,202

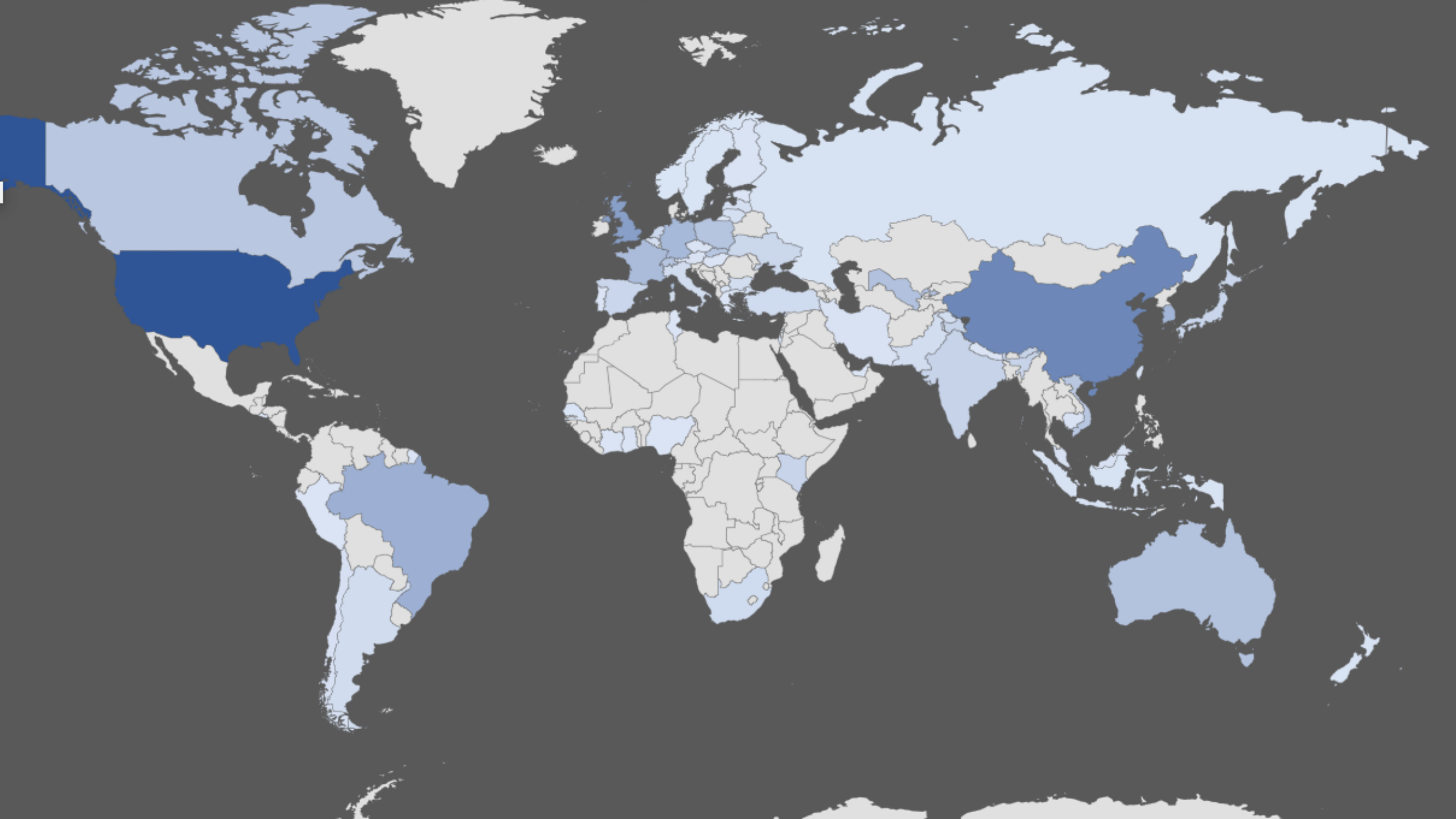
CloudStack Adoption

Our “known user” list shows **219** users

In the last 12, months our Management Server packages were downloaded **116,796** times from **21,202** different IP addresses.

Combined results from download.cloudstack.org and packages.shapeblue.com between 1/9/17 and 1/9/18








After a few months and a successful CloudStack deployment, everybody is really happy.....





Let's hear
from some
users

- itelligence - <https://itelligencegroup.com> by Alexander Stock
- RNP - <https://www.rnp.br> by Ricardo Makino
- BRASCLOUD - <https://www.brascloud.com.br> by Felipe Rossi



We have a great community

- 300 mailing list messages per month
- Meetups and events

Why are we here

- Learn from each other
- Work together
- Share ideas
- Share problems

Thoughts for the Coming Year

– from Paul Angus, the current VP of
CloudStack

- Make everyone feel welcome; newcomers, non-developers, existing contributors and committers.
- Bring the togetherness of the Collaboration Conferences and Meetups to the mailing lists.
- Make it easier for newcomer and non-developer participation.
- Bring ‘users’ and ‘developers’ closer together to leverage the knowledge and experience of each other.
- Improve visibility of ‘what’s going on’ on the development side.
- Encourage the huge (silent) organizations that use CloudStack to come out and talk about it (to generate further interest and participation in the project).