



# State of the Union CloudStack keeps growing!

Nicolas Vazquez

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CloudStack Collaboration Conference 2025 – Milan, Italy

# About me

Nicolas Vazquez

- Lead Software Engineer at Shapeblue
- Current VP Apache CloudStack (since 03/2025)
- Committer (2016) and PMC Member (2021)
- +10 years contributing to the CloudStack project
- Hobbies: tennis, football

# ASF Roles

- Apache CloudStack under the Apache Software Foundation
- Roles based on merit:
  - User, Developer, Committer, PMC Member, PMC Chair (VP), ASF Members
- CloudStack VP:
  - Elected by the project PMC
- VP duties:
  - Review board meeting minutes about their project
  - Ensure the project's quarterly board report is submitted
  - Ensure new committer requests are made
  - Maintain ASF records on the PMC roster

Source: <https://www.apache.org/dev/pmc.html#chair>

# A growing community!

# Community

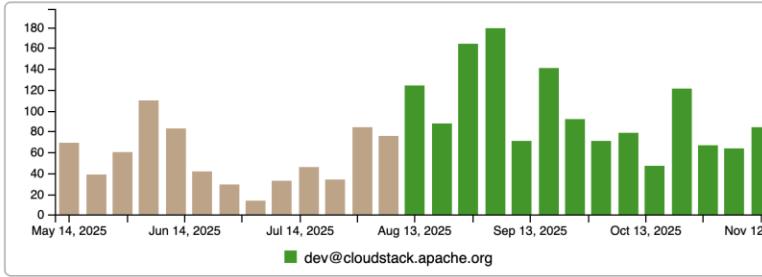
- Community Health Score: 9.60 - Super Healthy
- New Committers:
  - Fabricio Duarte Junior
  - Jithin Raju
  - Swen Brüseke
  - Jason Hollis
  - Bernardo De Marco Gonçalves
  - Jamie Pell
- New PMC Members:
  - João Jandre Parraquetti
  - Pearl Dsilva
  - Vishesh Jindal

# Community

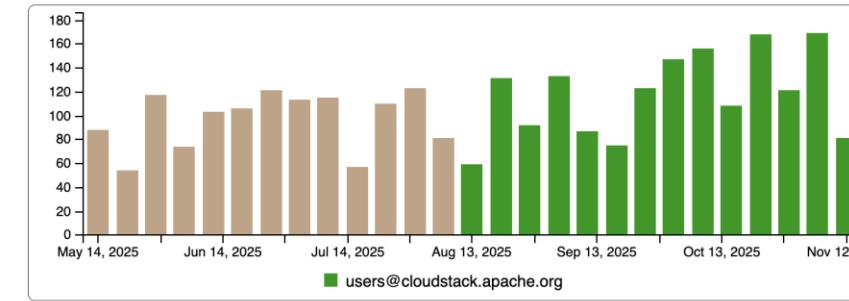
- Growing participation!

(as at 2025-11-12)

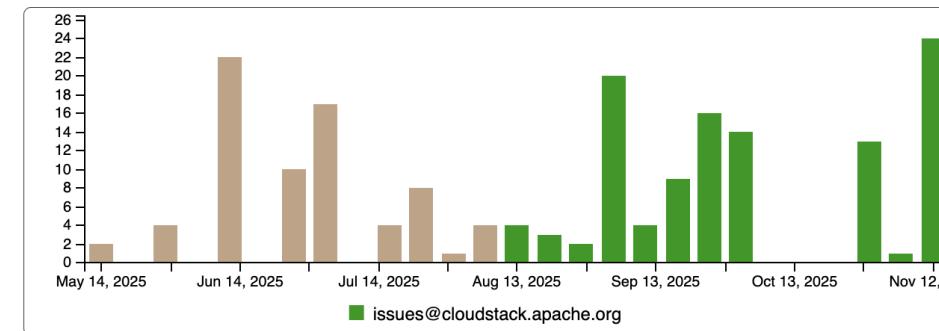
**dev@cloudstack.apache.org** had a 93% increase in traffic in the past quarter (1392 emails compared to 719):



**users@cloudstack.apache.org** had a 30% increase in traffic in the past quarter (1650 emails compared to 1262):

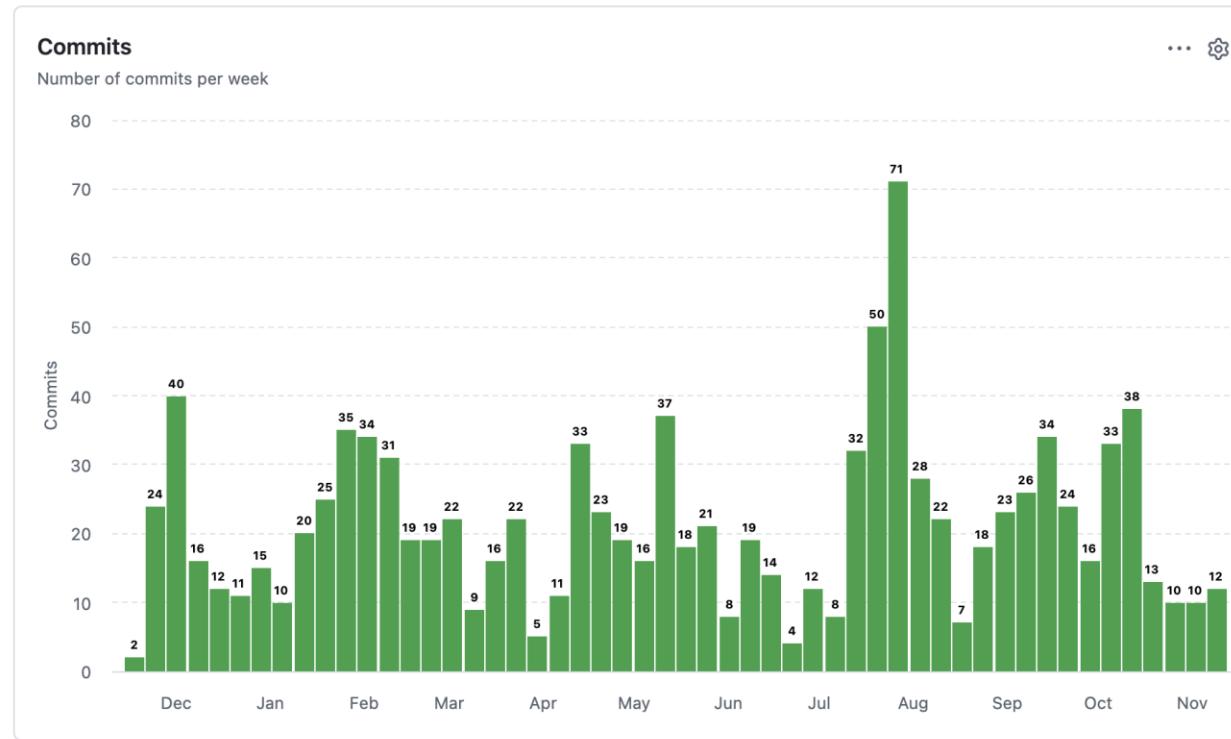


**issues@cloudstack.apache.org** had a 52% increase in traffic in the past quarter (110 emails compared to 72):



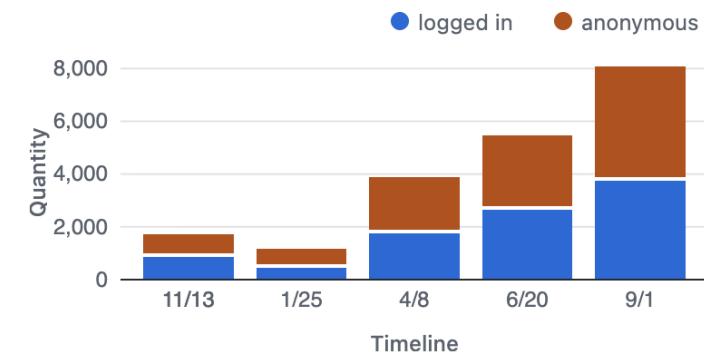
# Github stats

## Commits over the last year of apache/cloudstack



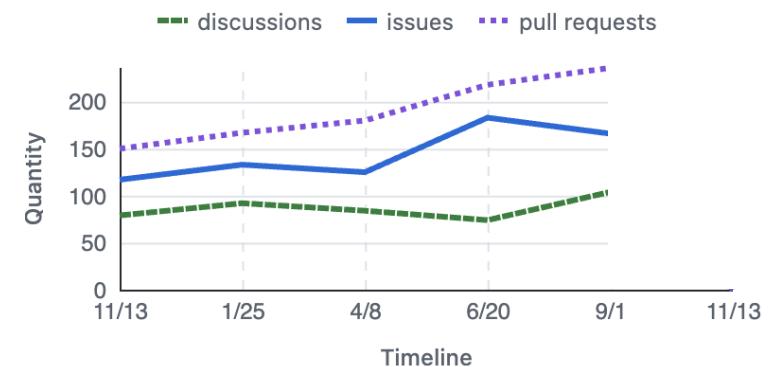
## Discussions page views

Total page views to Discussions segmented by logged in vs anonymous users.



## Contribution activity

Count of total contribution activity to Discussions, Issues, and PRs

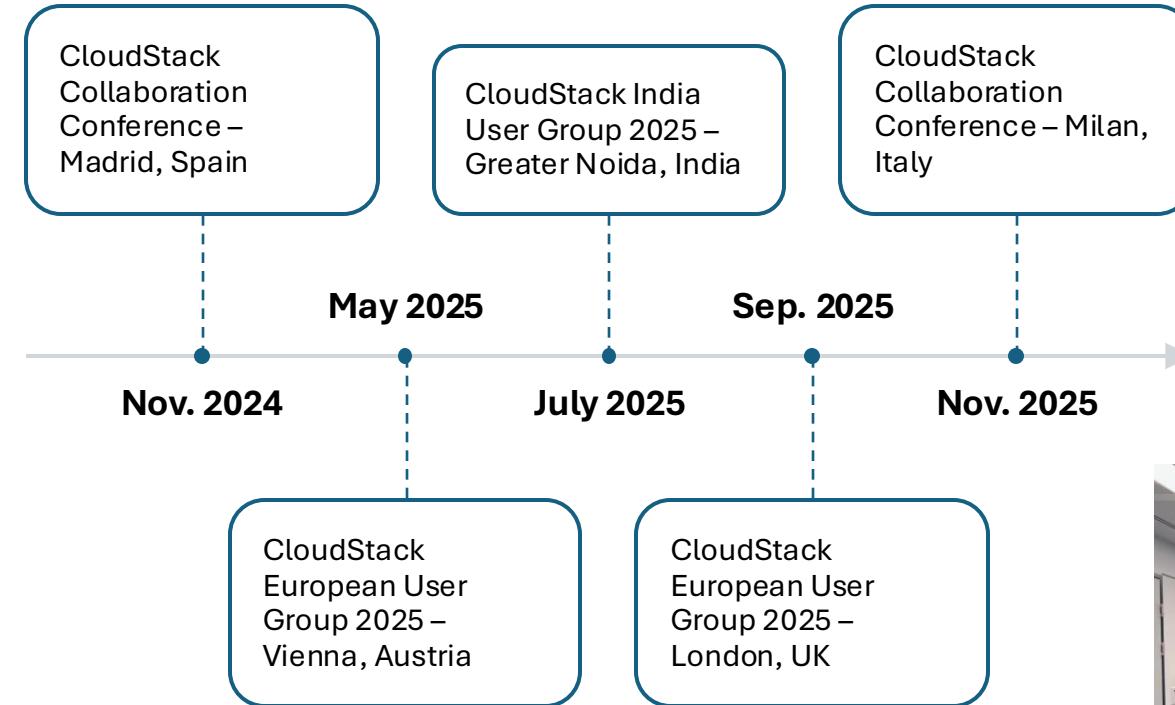


# Github stats

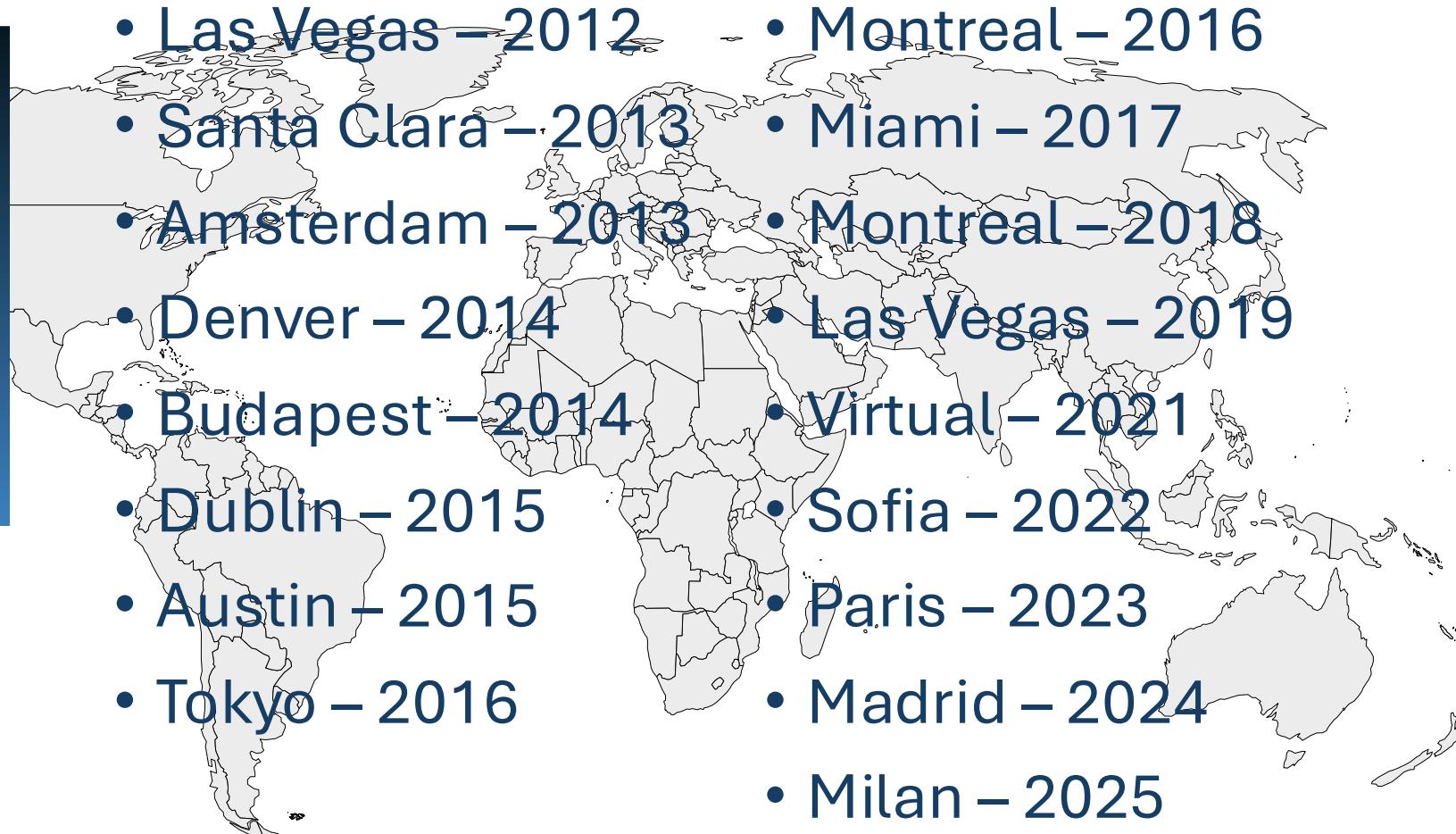
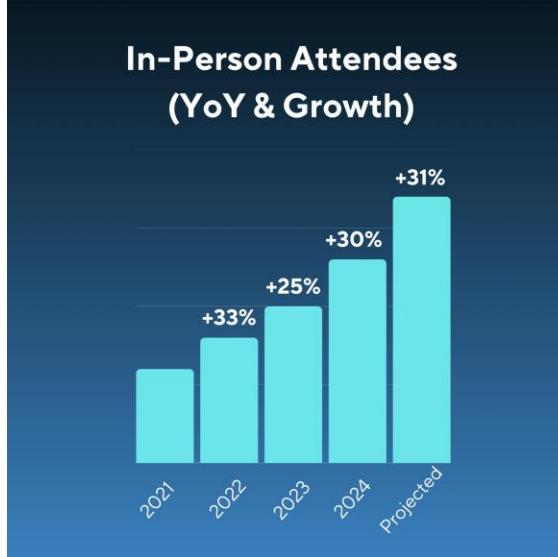
	2023	2024	Change	2025	1Y Chg	2Y Chg
Unique Visitors to GitHub repo in last 15 days	1700	2,123 **	+25%	3,259	+53%	+92%
Stars on Github	1600	2100 <sup>+</sup>	+31%	2700 <sup>+</sup>	+29%	+68%

It has been a great year!

# Community Events



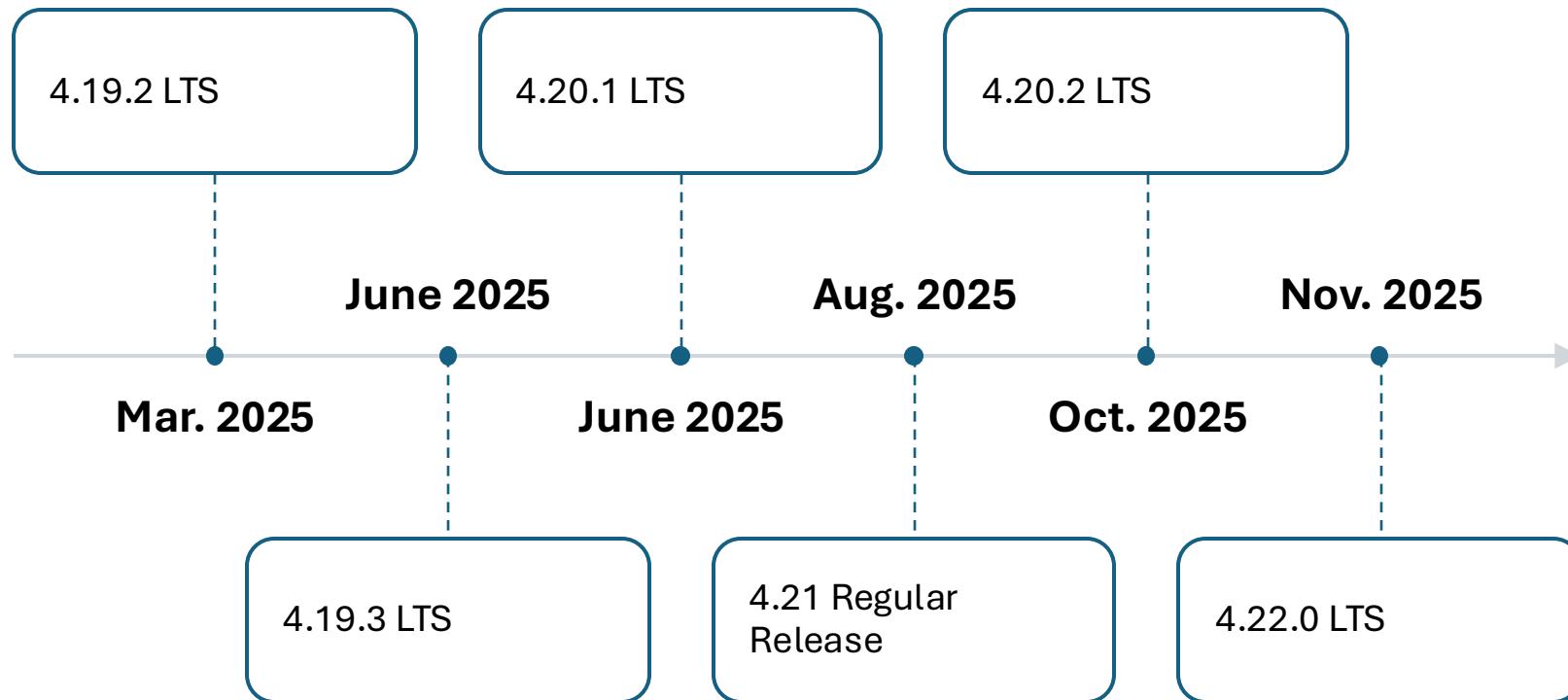
# CloudStack Collaboration Conference



- Las Vegas – 2012
- Montreal – 2016
- Santa Clara – 2013
- Miami – 2017
- Amsterdam – 2013
- Montreal – 2018
- Denver – 2014
- Las Vegas – 2019
- Budapest – 2014
- Virtual – 2021
- Dublin – 2015
- Sofia – 2022
- Austin – 2015
- Paris – 2023
- Tokyo – 2016
- Madrid – 2024
- Milan – 2025

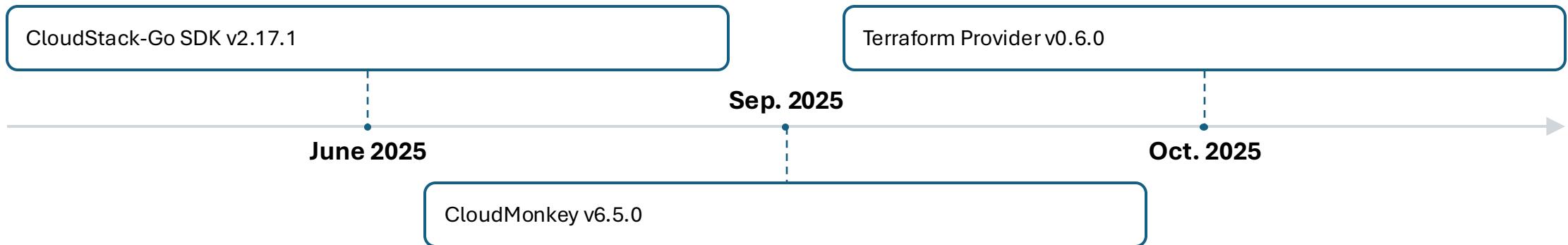
# Releases

- CloudStack Releases this year:



# Releases

- But also:



# Exciting times!

# Exciting times

- The new “Virtualisation Management” Use-case
- New key CloudStack features:
  - VMware to KVM migration
  - GPU support
  - Extensions Framework (XaaS)
    - Proxmox extension
    - Hyper-V extension
    - MaaS

Thursday 20th

WORKSHOP: Migration Showcase:  
VMware to CloudStack in Action



Joffrey Luangsaysana, Navid  
Abdoul

TEAM MEMBERS, DIMSI

Friday 21st

VMware to KVM Migration Tooling in  
CloudStack



Nicolas Vazquez

LEAD SOFTWARE ENGINEER,  
SHAPEBLUE

Exploring VMware to CloudStack  
Migration



Joffrey Luangsaysana, Grégoire  
Lamodiére

TEAM MEMBERS, DIMSI

Orchestrating GPU workloads with  
CloudStack



Vishesh Jindal

SOFTWARE ENGINEER, SHAPEBLUE

Extensions Framework (XaaS) -  
Enabling Orchestrate Anything



Harikrishna Patnala, Marco  
Sinhoreli

TEAM MEMBERS, SHAPEBLUE

Migrating 1000's of VMs from VMware to  
CloudStack



Lucian Burlacu

CLOUD ARCHITECT, SHAPEBLUE

Infrastructure Strategies and Innovation  
in the AI Era



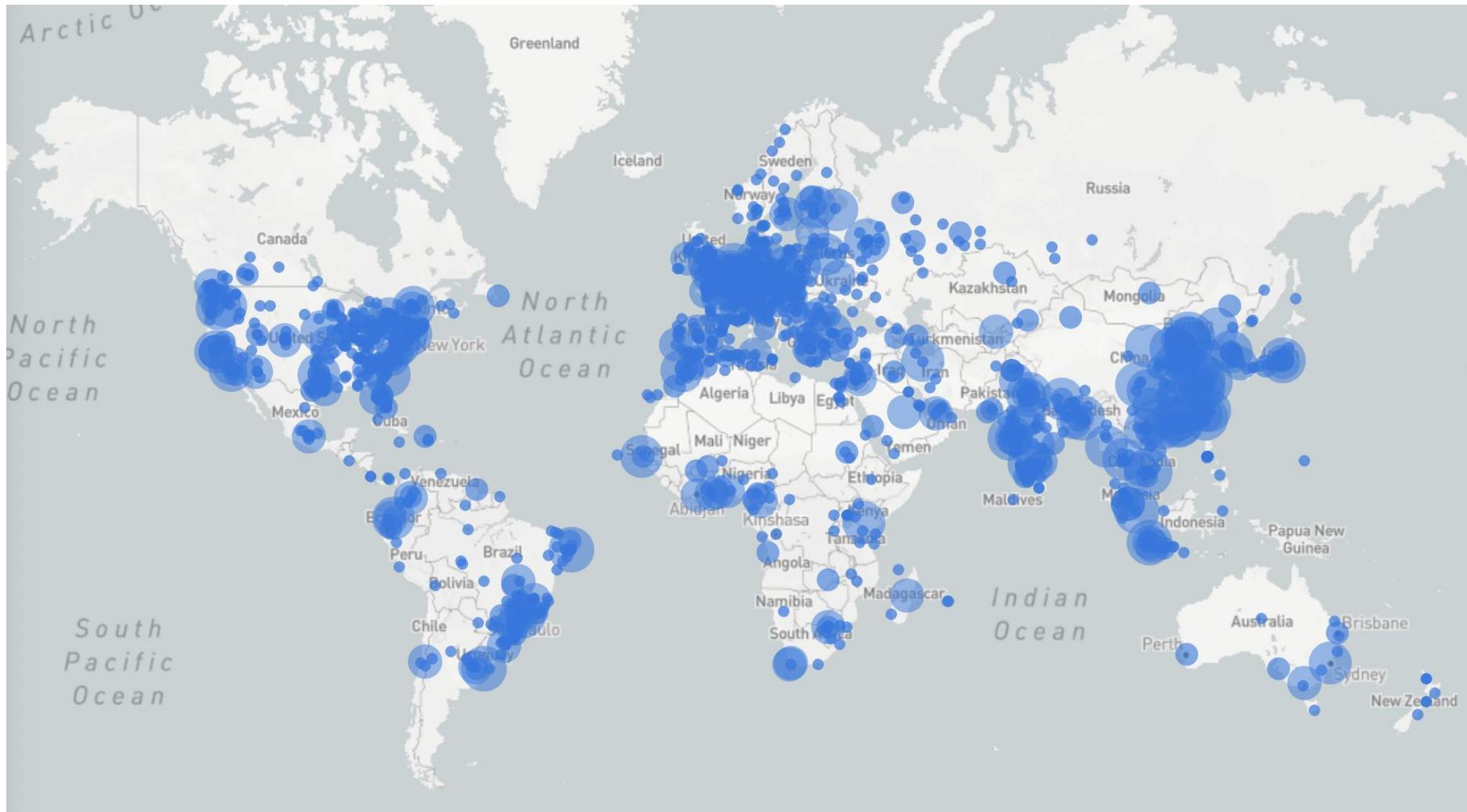
Daven Winans

VP OF ENGINEERING & INNOVATION, US  
SIGNAL



And more...

196 countries  
1986 cities

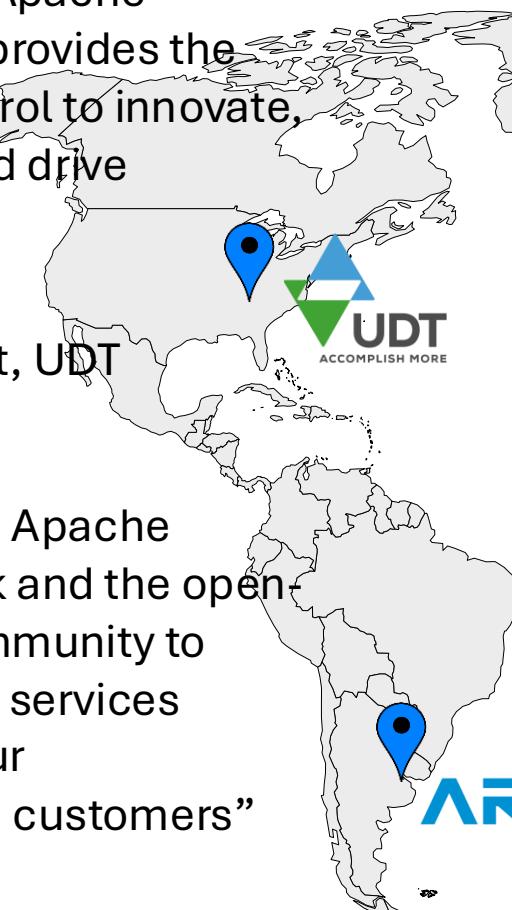


Source: <https://ipinfo.io/tools/map/94e8a49d-33a8-4f34-8d5d-6c9d19a6a4f8>



"Building on Apache CloudStack provides the creative control to innovate, compete, and drive profitability."

Simon Weller,  
CTO – Service Provider Unit, UDT



"We rely on Apache Cloudstack and the open-source community to bring cloud services closer to our Argentinian customers"

Esteban Tissera,  
Technology Manager, ARSAT



Wido der Hollander,  
CTO, Your.Online

This is all great, but ...

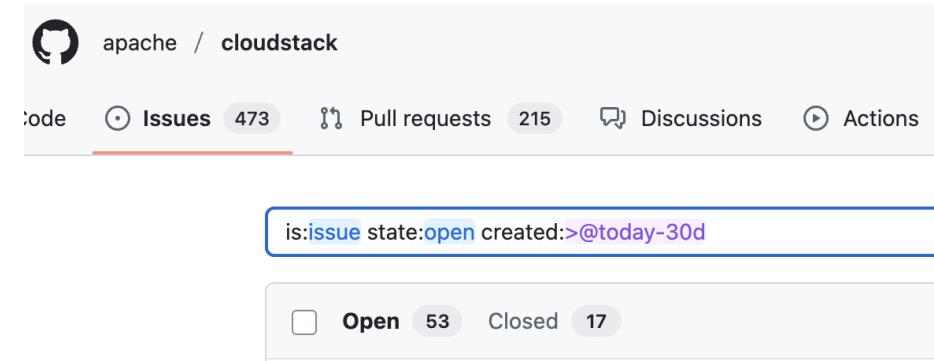
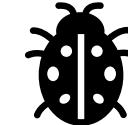
# Challenges



Growing number  
of users

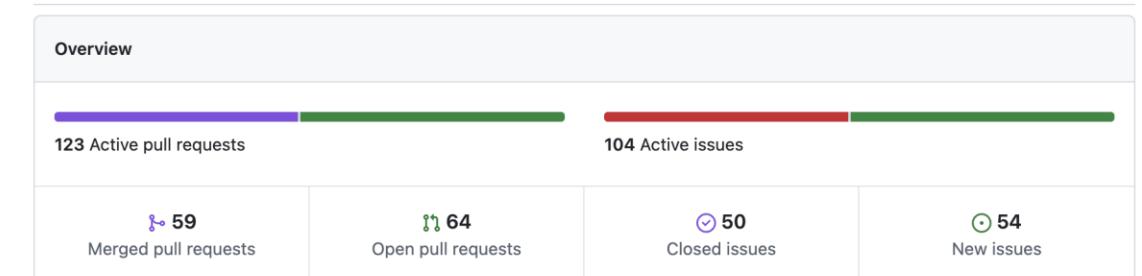


Growing number  
of issues



October 13, 2025 – November 13, 2025

Period: 1 month ▾



# Challenges



Growing number  
of users



Growing number  
of security reports



Example:

- 4.19.0 – LTS
  - 4.19.0.1 – Security
- 4.19.1 - Maintenance
  - 4.19.1.1 – Security
  - 4.19.1.2 – Security
  - 4.19.1.3 – Security
- 4.19.2 – Maintenance
- 4.19.3 - Maintenance

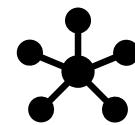
# Challenges



Growing number  
of users



Wider integration  
expectations



- Developed integrations need continuous testing / verification across new versions:
  - SDN plugins
  - Backup providers
  - Storage providers
  - ...

# Challenges



Growing number  
of users



More work



- These are great challenges to have!
- CloudStack participation is growing!
- Let's keep collaborating!

# Let's keep collaborating!

# Wrapping up

- CloudStack is in a great place!
- We've had a busy year
- Adoption continues to grow
- Looking forward to the coming year!

