

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

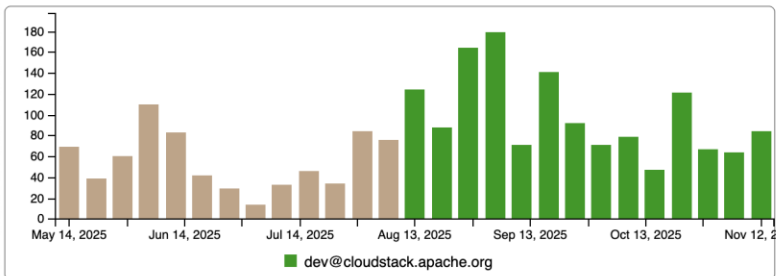
- Community Health Score: 9.60 - Super Healthy
- New Committers:
 - Fabricio Duarte Junior
 - Jithin Raju
 - Swen Brüseke
 - Jason Hollis
 - Bernardo De Marco Gonçalves
 - Jamie Pell
- New PMC Members:
 - João Jandre Parraquetti
 - Pearl Dsilva
 - Vishesh Jindal

Community

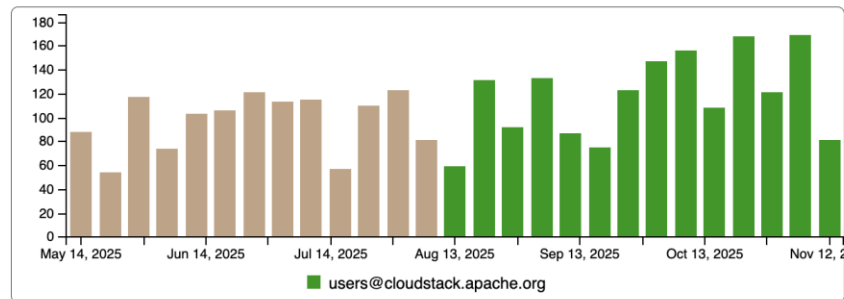
- Growing participation!

(as at 2025-11-12)

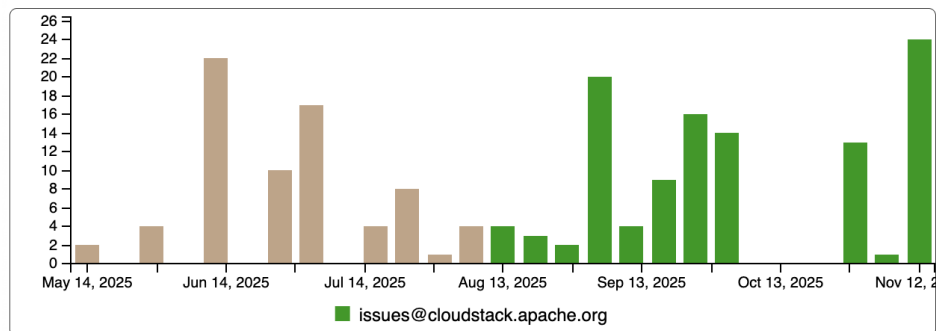
dev@cloudstack.apache.org had a 93% increase in traffic in the past quarter (1392 emails compared to 719):



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

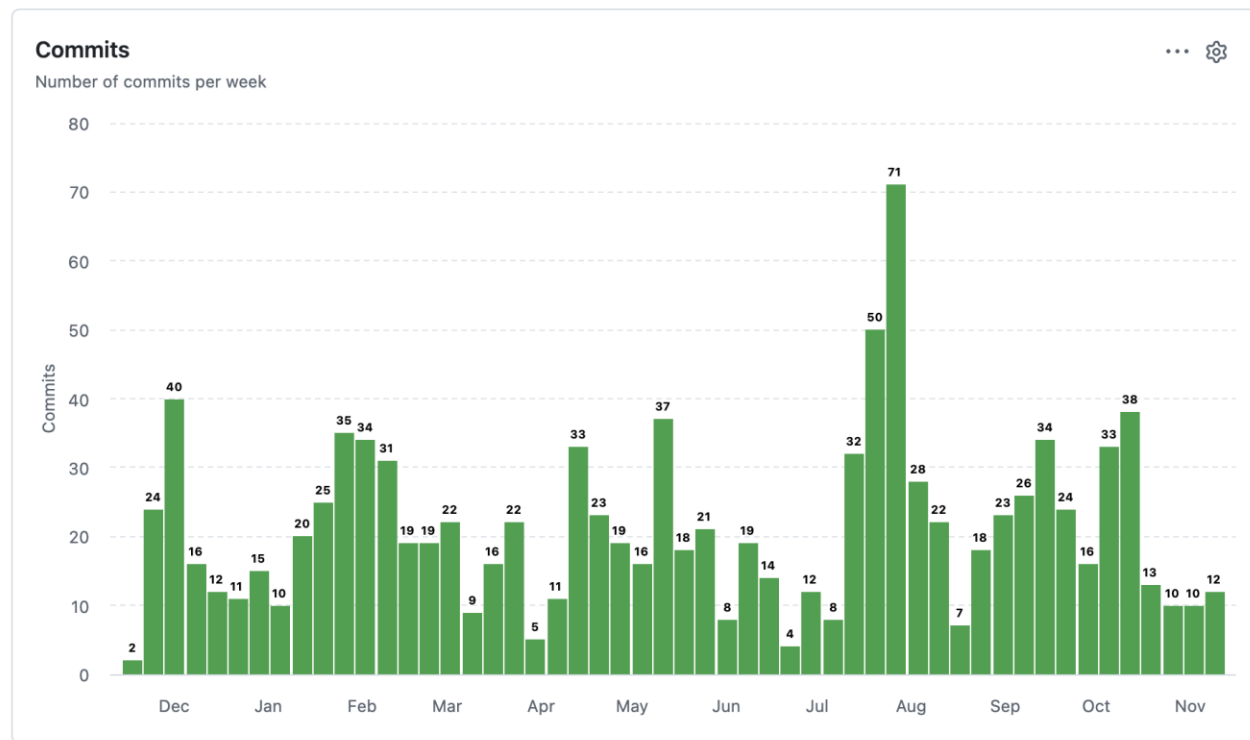


issues@cloudstack.apache.org had a 52% increase in traffic in the past quarter (110 emails compared to 72):



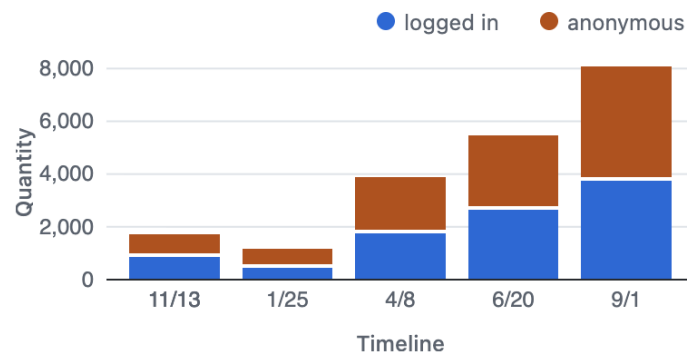
Github stats

Commits over the last year of `apache/cloudstack`



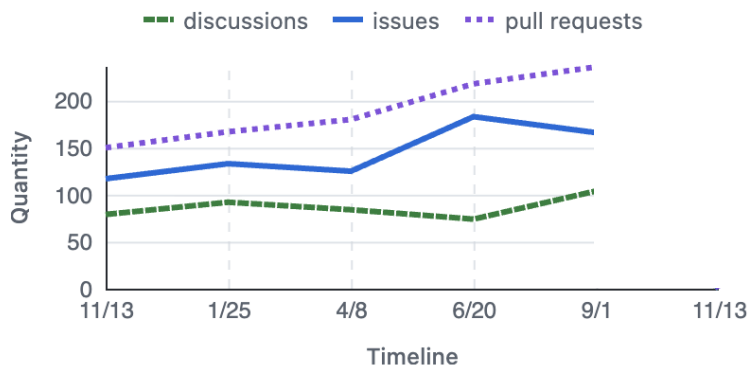
Discussions page views

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 ⁺	+31%	2700 ⁺	+29%	+68%

It has been a great year!

Community Events



CloudStack
Collaboration
Conference –
Madrid, Spain

CloudStack India
User Group 2025 –
Greater Noida, India

CloudStack
Collaboration
Conference – Milan,
Italy

May 2025

Sep. 2025

Nov. 2024

July 2025

Nov. 2025

CloudStack
European User
Group 2025 –
Vienna, Austria

CloudStack
European User
Group 2025 –
London, UK



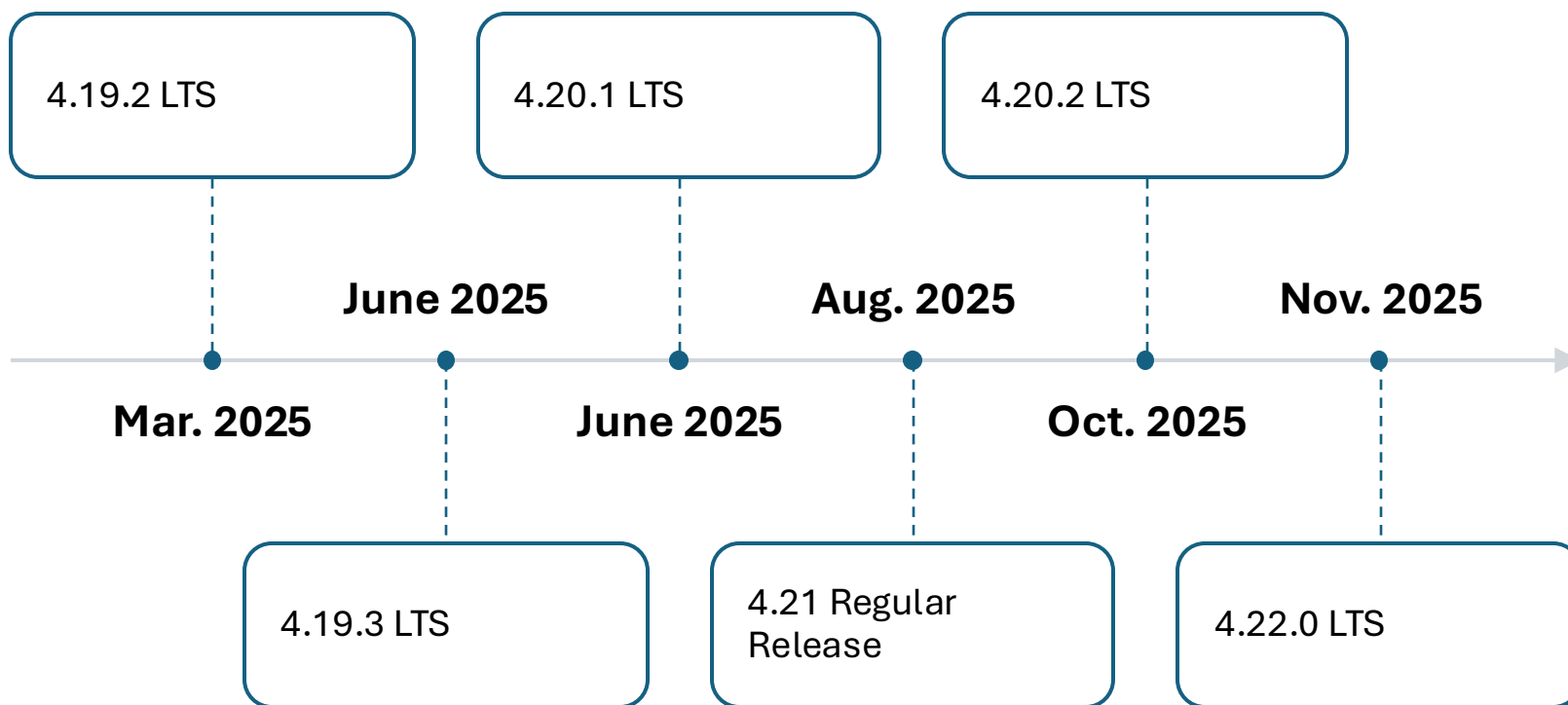
CloudStack Collaboration Conference



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

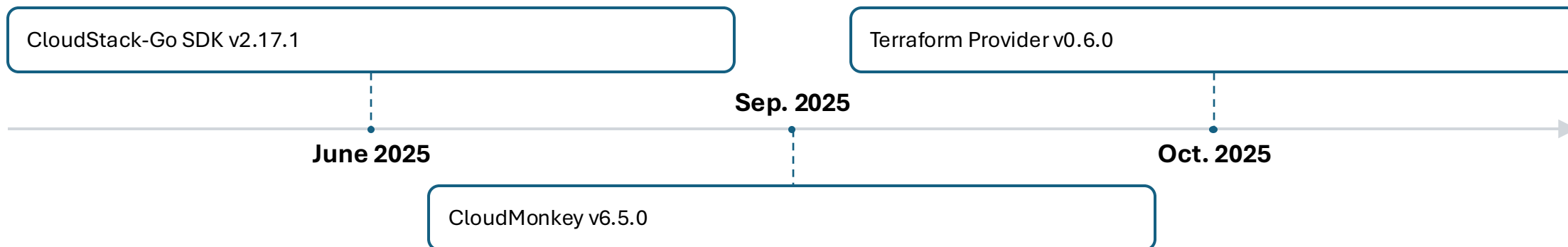
Releases

- 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

Exploring VMware to CloudStack
Migration



Joffrey Luangsaysana, Grégoire Lamodière

TEAM MEMBERS, DIMSI

Extensions Framework (XaaS) -
Enabling Orchestrate Anything



Harikrishna Patnala, Marco Sinhareli

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

Friday 21st

VMware to KVM Migration Tooling in
CloudStack



Nicolas Vazquez

LEAD SOFTWARE ENGINEER,
SHAPEBLUE

Orchestrating GPU workloads with
CloudStack



Vishesh Jindal

SOFTWARE ENGINEER, SHAPEBLUE



And more...





"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"

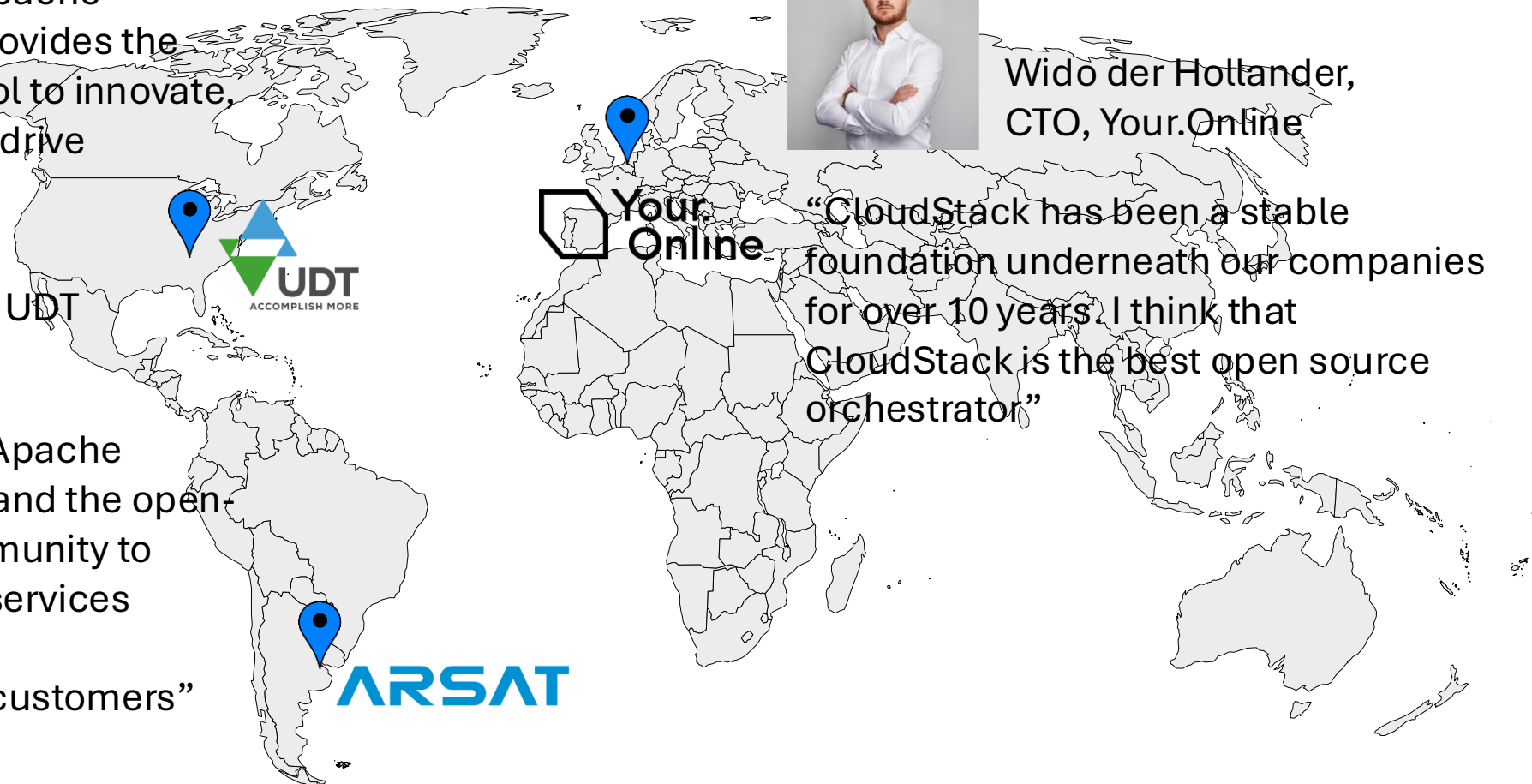
Esteban Tissera,
Technology Manager, ARSAT



Wido der Hollander,
CTO, Your.Online



"CloudStack has been a stable foundation underneath our companies for over 10 years. I think that CloudStack is the best open source orchestrator"



This is all great, but ...

Challenges



Growing number
of users



Growing number
of issues



apache / cloudstack

Code Issues 473 Pull requests 215 Discussions Actions

is:issue state:open created:>@today-30d

☐ Open 53 Closed 17

October 13, 2025 – November 13, 2025

Period: 1 month

Overview

123 Active pull requests

104 Active issues

59

Merged pull requests

64

Open pull requests

50

Closed issues

54

New issues

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

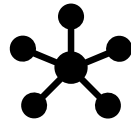
Challenges



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!

