



openstack®

**Celebrating 13 Years of the Open
Source Cloud Standard**



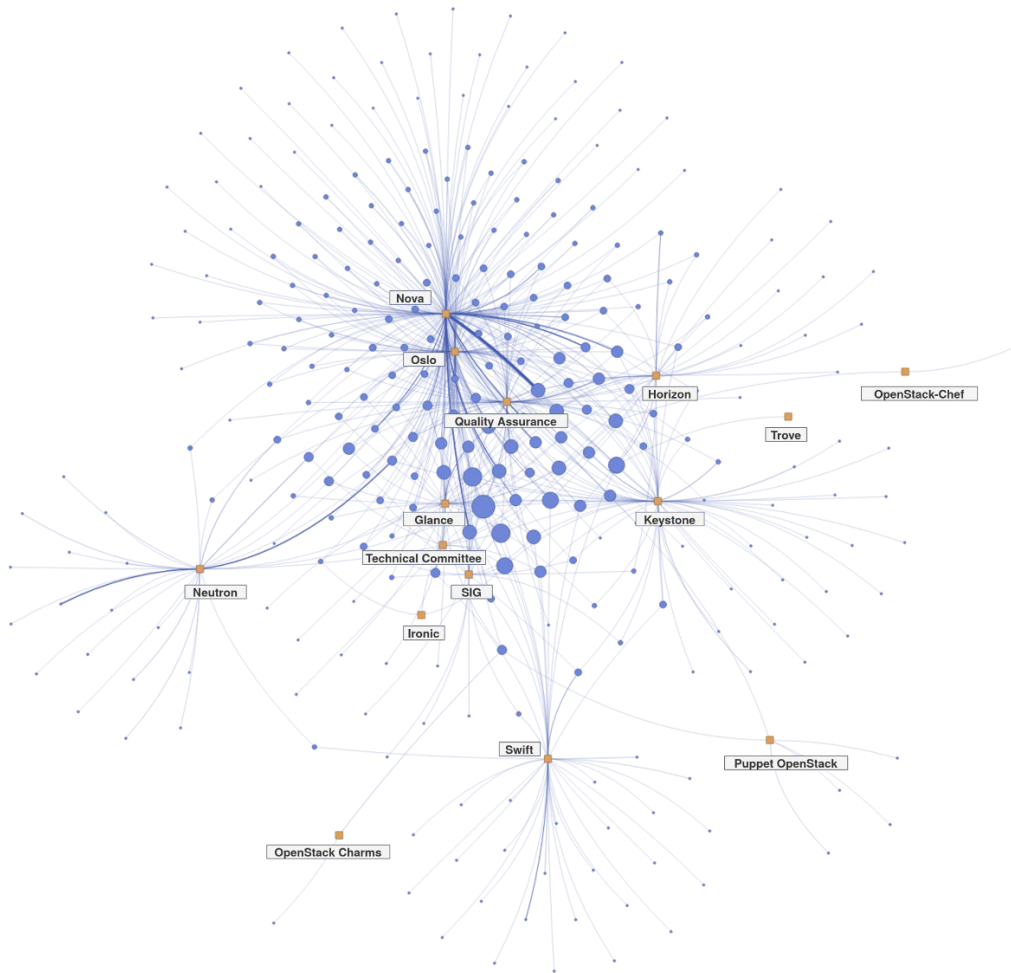
OPENSTACK IS ONE OF THE **TOP** **FIVE MOST ACTIVE** OPEN SOURCE PROJECTS

- The global upstream community has delivered 27 on-time releases
- Over 9,000 contributors have made 586,000 changes to OpenStack since 2012
- OpenStack production deployments hit 40 Million Cores
- More than 450 organizations have contributed upstream to OpenStack, making it one of the most active open source projects in the world
- OpenStack public cloud footprint exceeds 300 data centers worldwide

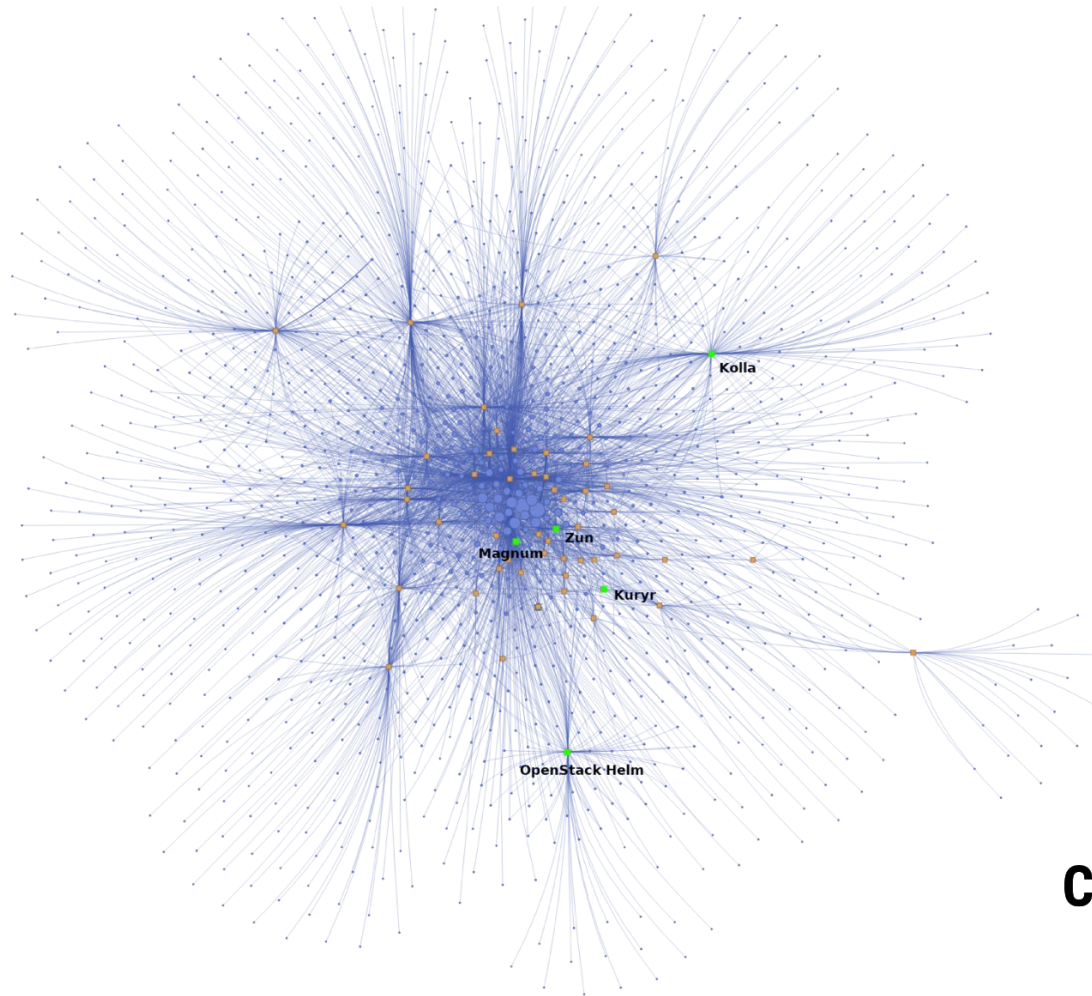


openstack®

Updates from the Upstream Community




 openstack.
CONTRIBUTORS
2010-2011



 openstack.

CONTRIBUTORS 2021-2022

OpenStack Contributor Data Now Available



<https://openstack.biterg.io/>

Restarting the Alphabet of OpenStack Releases

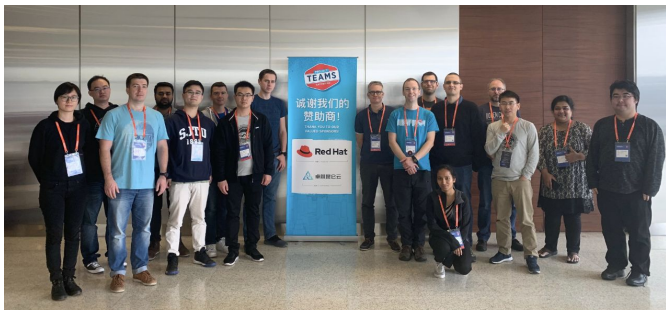


NEW: OpenStack Antelope Launches New Release Cadence

- Designed to **ease the demands upon operators** to upgrade every six months, the new release cadence went into effect with Antelope, the 27th release of OpenStack.
- Deployments will now be able to **opt into a once-a-year upgrade cycle**, upgrading with every Skip Level Upgrade Release Process or “SLURP” release.
- “Not-SLURP” releases will be available in each six-month interim for those who wish to upgrade more frequently.
- Antelope was a SLURP release; OpenStack Bobcat, the 28th release of OpenStack, is a non-SLURP release scheduled for October 4, 2023.

PTG PROJECT TEAMS GATHERING

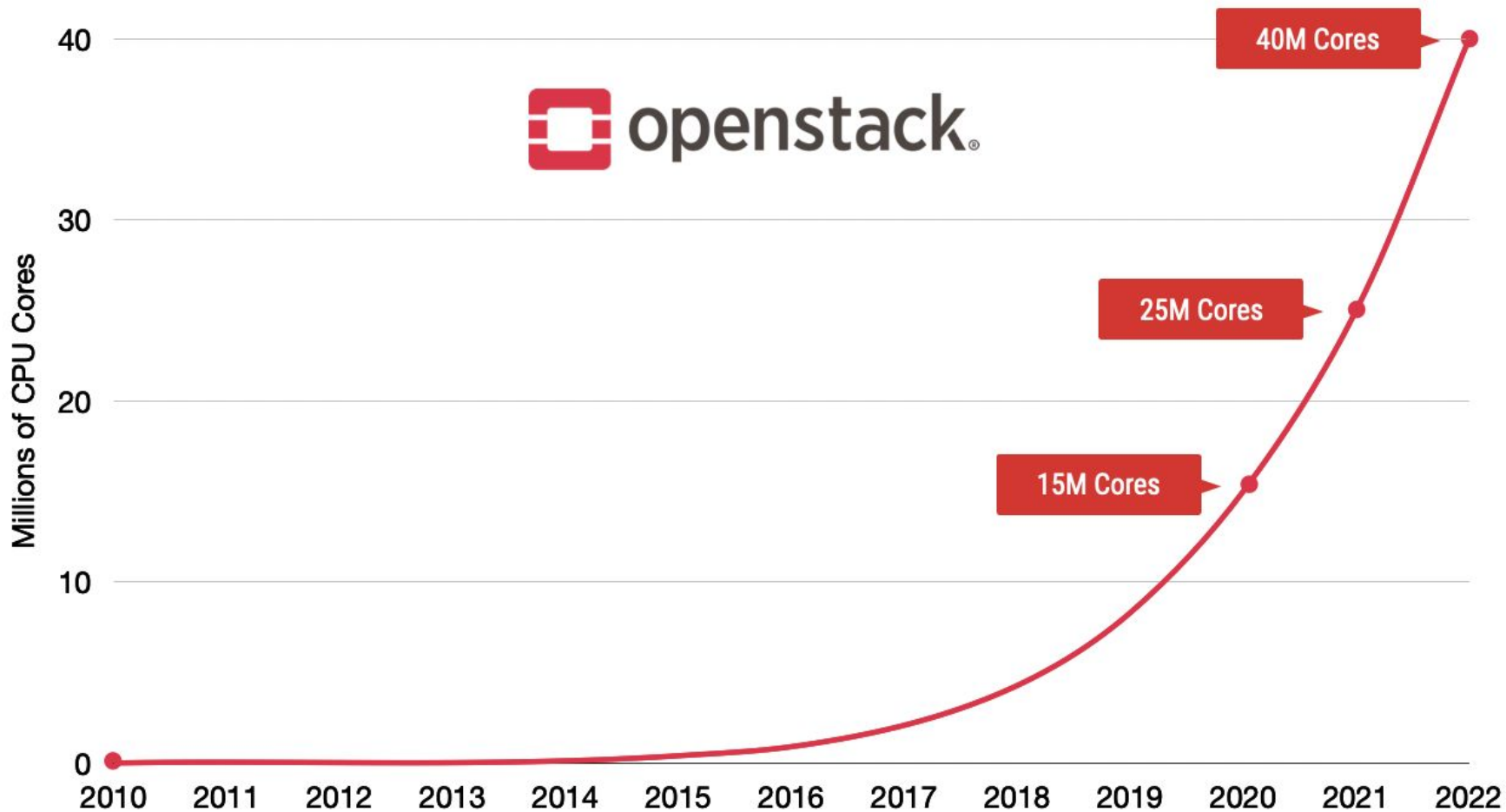
- Virtual PTG will be held October 23-27, 2023
 - Free registration at openinfra.dev/ptg





openstack®

Updates from the End User Community



40+ MILLION CPU CORES

RETAIL/E-COMMERCE



FINANCIAL SERVICES



ACADEMIC/RESEARCH



TELECOM



ENERGY/TRANSPORTATION/GOVERNMENT



MANUFACTURING



WEB & ENTERTAINMENT



PUBLIC CLOUD



OpenStack Adoption Trends: AI

NVIDIA uses OpenStack Swift for massive AI & Machine Learning data sets and employs **upstream contributors to the OpenStack project**

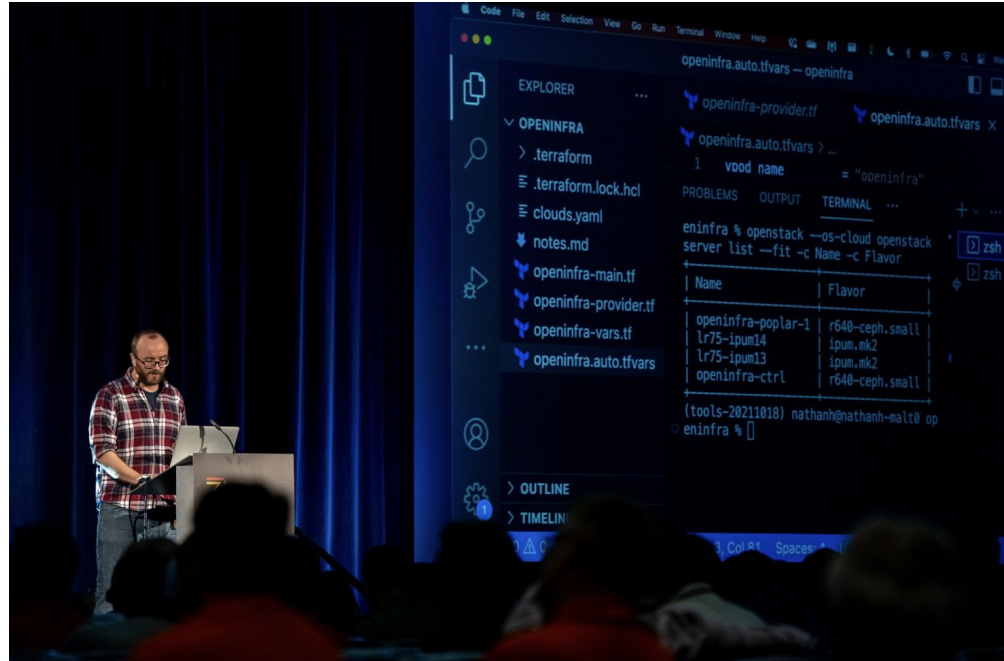
Watch the demo from the OpenInfra Summit Vancouver



OpenStack Adoption Trends: AI

Graphcore provides AI solutions using their own IPU (Intelligence Processing Unit) chips, and the fastest networking interfaces and devices available by leveraging **OpenStack**, **Terraform**, **Ansible**, and **Packet**.

Watch the demo from the OpenInfra Summit Vancouver



OpenStack Adoption Trends: Public Cloud

- The OpenStack-powered public cloud footprint has increased to **over 300 data centers worldwide**
- Regional constraints including **digital sovereignty, geopolitical regulations, and niche use cases** have lead to this surge in OpenStack-powered public cloud data centers
- Specific regions experiencing increased growth include **Europe, Southeast Asia and Latin America**

300+

OPENSTACK PUBLIC

CLOUD DCs



OpenStack Adoption Trends: LOKI

- LOKI—**Linux OpenStack Kubernetes Infrastructure**—is the OpenInfra Standard of deploying infrastructure
- Combining **three of the top 5 most active open source projects**, this implementation has become increasingly common among organizations across industries worldwide

LINUX

Open source **operating system** standard

OPENSTACK

Open source **cloud** standard

KUBERNETES

Open source **container orchestration** standard

INFRASTRUCTURE

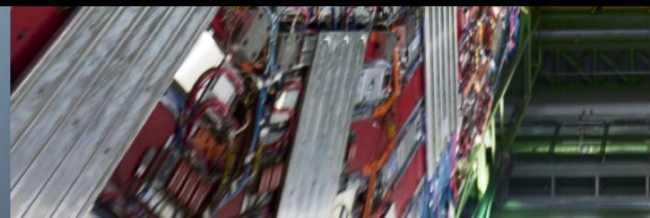
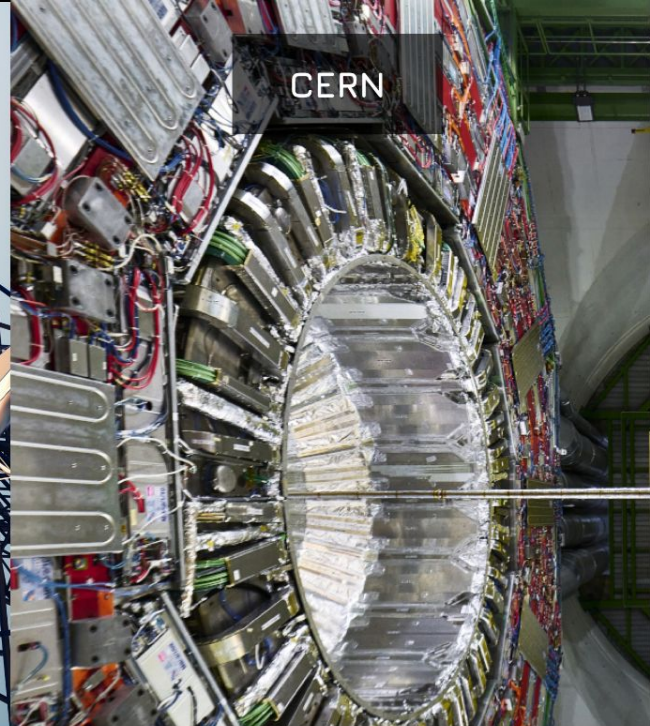
BLOOMBERG

CHINA TELECOM

CERN



LOKI: LINUX · OPENSTACK · KUBERNETES · INFRASTRUCTURE



NEW: Participate in an OpenInfra Hub!

- Advance open source infrastructure in the region
- Discuss regional strategic issues
- Coordinate local communities and events



Participate in an OpenInfra User Group!

With 55+ user groups located in 35+ countries, there is no end to the opportunities to collaborate with the OpenStack community both locally and globally!

