perfSONAR

2021 Update

Latest developments and news

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NEMMO Workshop

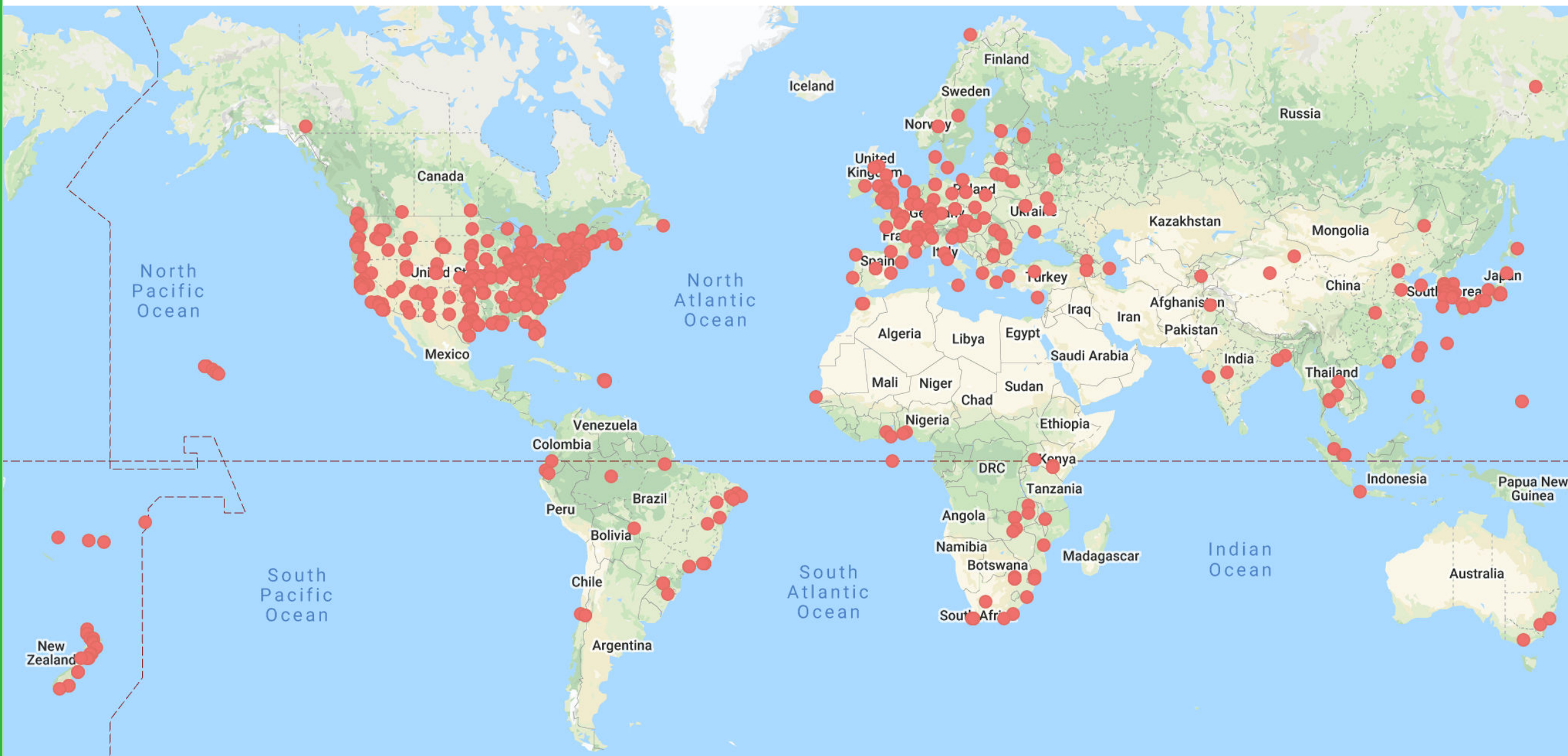March 2021

perfSONAR is developed by a partnership of

Deployments update

2000+ nodes around the world

Software update

Latest releases and beyond

perfSONAR 4.2.x

- Release dates: 2019-2020
- Main new feature: pSConfig Web Administration (PWA)
  - Graphical User Interface
  - List hosts, tests and parameters
  - No need to deal with JSON file anymore
- New pScheduler plugins:
  - Disk to Disk measurements (FTP, Globus)
  - DNS and HTTP response time
- Ansible roles and example playbooks
  - Deploy and configure any pS bundle
  - Centrally maintain your pS hosts
- End of BWTCL support (pS 3)

perfSONAR 4.3.x

- Initial release date: November 2020
  - 4.3.4 in March 2021
- Stabilisations, performance improvements, technical debt
  - Python 3 port
- Debian 10 support (testpoint)
- New pScheduler plugins:
  - S3 benchmark
  - ethr (Microsoft) for throughput tests

perfSONAR in the coming year

- 4.4 / 4.5
  - Minor new features and improvements
  - Ubuntu 20 support (testpoint)
- 5.0
  - ElasticSearch backend to replace Esmond
    - Esmond API compatibility layer
  - Opening more visualisation possibilities with Grafana
    - Pre-baked dashboard
  - Toolkit support for latest Debian based OS

Community

You and perfSONAR

2ⁿᵈ European perfSONAR Users Workshop

- Join us!
  - 14ᵗʰ and 15ᵗʰ April 2021
  - 13:00 to 17:00 CEST
  - Share use cases
  - Details of new features and improvements
  - Novel usage of perfSONAR and measurements data
- We'd love your input
  - New features, improvements
  - Use cases
- Info and registration: https://events.geant.org/event/388/

Get in touch

- perfSONAR Collaboration
  - General: https://www.perfsonar.net
  - Documentation: https://docs.perfsonar.net
  - Users list: https://lists.internet2.edu/sympa/info/perfsonar-user
- perfSONAR in GÉANT Project/Area
  - WP6T3
  - Consultancy and Expertise service: https://wiki.geant.org/x/eKMuBw
  - perfsonar@lists.geant.org

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Thanks!

For more information,
please visit our web site:
https://www.perfsonar.net

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