

perfSONAR Services from WP6

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Public

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perfSONAR in WP6T3

- Participation to the **global perfSONAR project**, along with international partners
 - Design and development
 - Documentation and training
- Provide some resources to the global collaboration:
 - Debian/Ubuntu packages repository
 - Lookup Service dashboards
 - psGUI for on-demand testing
- Consultancy & Expertise service

perfSONAR



perfSONAR Consultancy & Expertise

- Help you **architect, design and implement your network performance testing solution**
- Preparing and planning **perfSONAR deployments**
- Setting up a perfSONAR central server
 - For archiving performance measurement
 - To display dashboards
- Organise **trainings/workshops**, following your requests
- European perfSONAR Users workshop

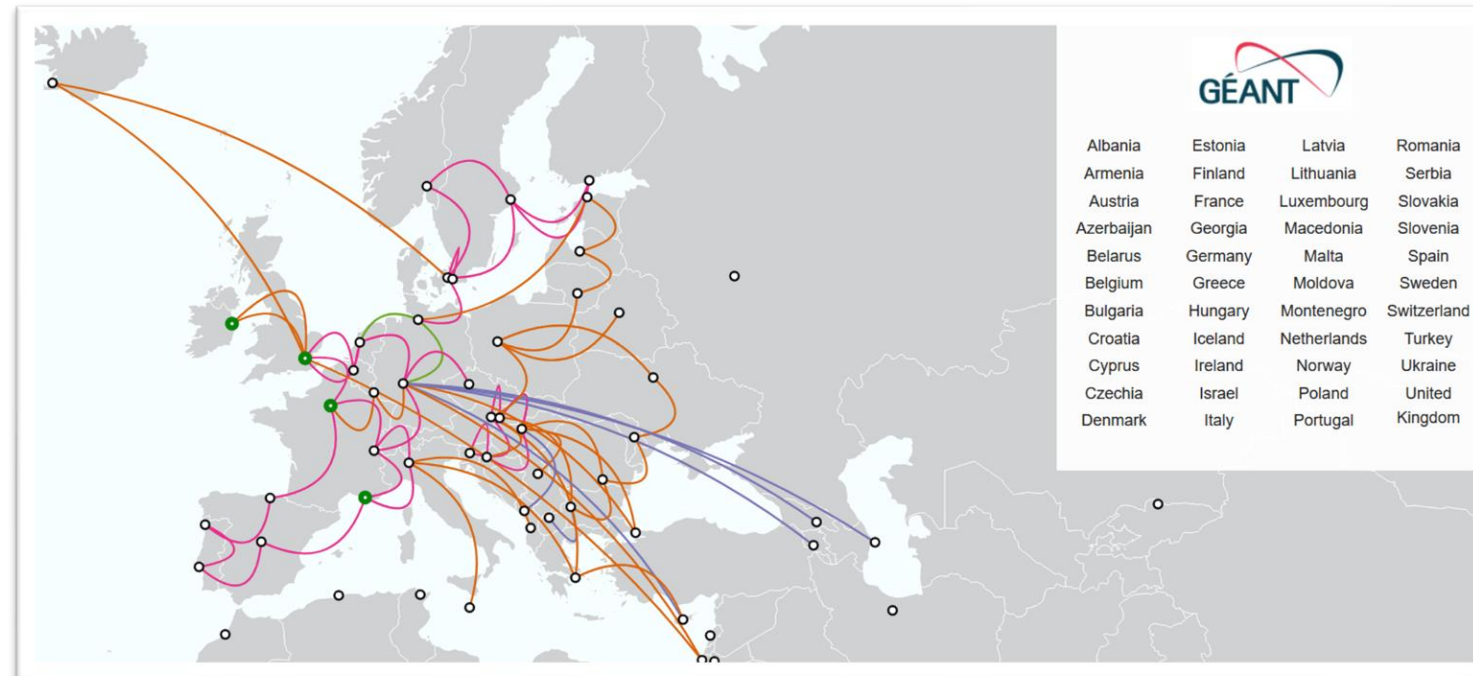




Target Users

- GÉANT and any member NREN
- Individual end users from these organisations or the GÉANT Community

- **You!**





European perfSONAR User Workshop

- Two days workshop to **foster exchanges between users and developers**
 - 1 day for users: use cases, special usage, requests, feedback
 - 1 day for developers: new features, details, roadmap
 - Interactions, discussions, collaboration
- 3 occurrences:
 - 2019: [London](#), Jisc
 - 2021: [Online](#), Zoom
 - 2022: [Online](#), Zoom
- **Next** in 2023 or 2024



Lookup Service dashboard

- A **window** to the global **Lookup Service** database
 - All public perfSONAR hosts are invited to register
 - Directory for all perfSONAR users to browse
 - perfSONAR is an infrastructure
 - Replacement to perfSONAR Services Directory from ESnet
- See it for yourself at
 - <https://stats.perfsonar.net>





psGUI: on-demand testing for PMP

- New tool developed from user request
 - replacement of defunct psUI
- Deployed for **PMP mesh**
 - Only hosts listed in PMP MaDDash grids
- **Beta testing** at
 - <http://psgui.qalab.geant.org/> (psgui/psGUIusr)
 - Feedback most welcome
- Might provide packaging for custom installation later

The screenshot displays the psGUI web interface. It features a 'Nodes' section with a 'Source' dropdown menu set to 'Austria - ps02.aco.net' and a 'Destination' dropdown menu set to 'Croatia - psmall.st.carnet.hr'. A blue 'Toggle choices' button is positioned between the two dropdowns. Below this is the 'Test parameters' section, which includes a 'Test' dropdown menu set to 'throughput', radio buttons for 'IPv4' (selected) and 'IPv6', a 'TCP' dropdown menu, and a 'Test duration' input field set to '10'. A small note below the duration field reads 'Total runtime of test in seconds (1 - 1000)'. At the bottom of the test parameters section is a blue 'Advanced parameters' button.



Get in touch!

- Email
 - GÉANT **WP6T3 team**: perfsonar@lists.geant.org
 - Global perfSONAR user list:
<https://lists.internet2.edu/sympa/info/perfsonar-user>
- GÉANT project Slack: #gn4-3-wp6
- Meetings and conferences (STF, SIG-..., TNC, ...)
- Website
 - <https://www.perfsonar.net/>
- Youtube channel
 - <https://www.youtube.com/perfSONARProject/>
 - Recording of past events and webinars

Thank you

Any questions?

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