



perfSONAR 5.2 training

A general overview and hands-on workshop

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Public (PU)

GN5-2

Welcome and presentations

- **Welcome everyone!**
- Thank you to [HEAnet](#) for hosting us
- I am **Lætitia Delvaux**, PSNC, WP6T3 Lead
 - WP 6: **Network Development**
 - Task 3: **Monitoring**
 - perfSONAR developer for 15+ years
 - I'm using **she/her** pronouns
- Round table of presentations
 - Name, organisation, area of expertise, knowledge of perfSONAR



2 days about perfSONAR



- Introduction, deployment, management, CLI and GUI usage.
- How to customise the dashboards?
- How to use troubleshoot and end-to-end path?
- Hands-on sessions
 - A VM with 4 CPU cores, 8 GB RAM and 20 GB disk
 - SSH and root access
 - We'll use both web and CLI access
- We'll work with a current perfSONAR system
 - 5.2.3

Outline day 1: General perfSONAR Overview and Usage



- **Overview, installation, walk-through**
 - What is perfSONAR and its most recent version 5.2.3
 - **Break from 10:30 to 11:00**
 - Installation choices
 - Deployment strategies, building a mesh
 - Hands-on: installation
- **Lunch from 12:30 to 13:30**
 - Hands-on: toolkit walk-through
 - pScheduler and its CLI
 - **Break from 15:00 to 15:30**
 - Hands-on: pSConfig
 - Time synchronisation and discussion (with Chris from Jisc)
- End of workshop day 1 at 17:00

Outline day 2: Advanced perfSONAR usage



- **Advanced usage**
 - Grafana dashboard overview
 - Creating your own dashboard
 - **Break from 10:30 to 11:00**
 - Using OpenSearch and the OpenSearch dashboard
 - Host and pScheduler dashboard, health check
- **Lunch from 12:30 to 13:30**
 - Hands-on: logs, debugging
 - psGUI overview
 - **Break from 15:30 to 16:00**
 - Lookup Service dashboard overview
 - Discussion
- End of workshop day 2 at 17:00



Have a good workshop!

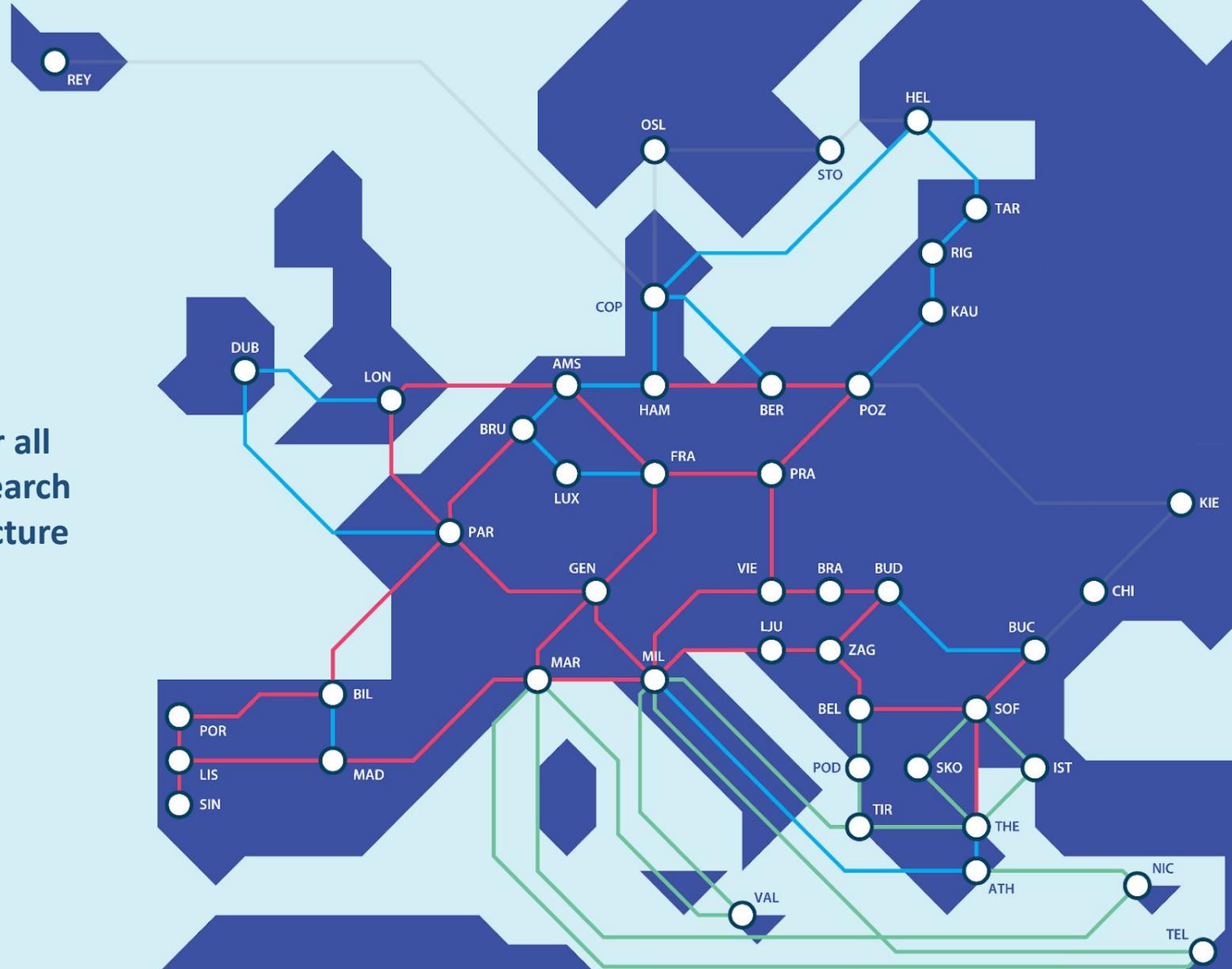
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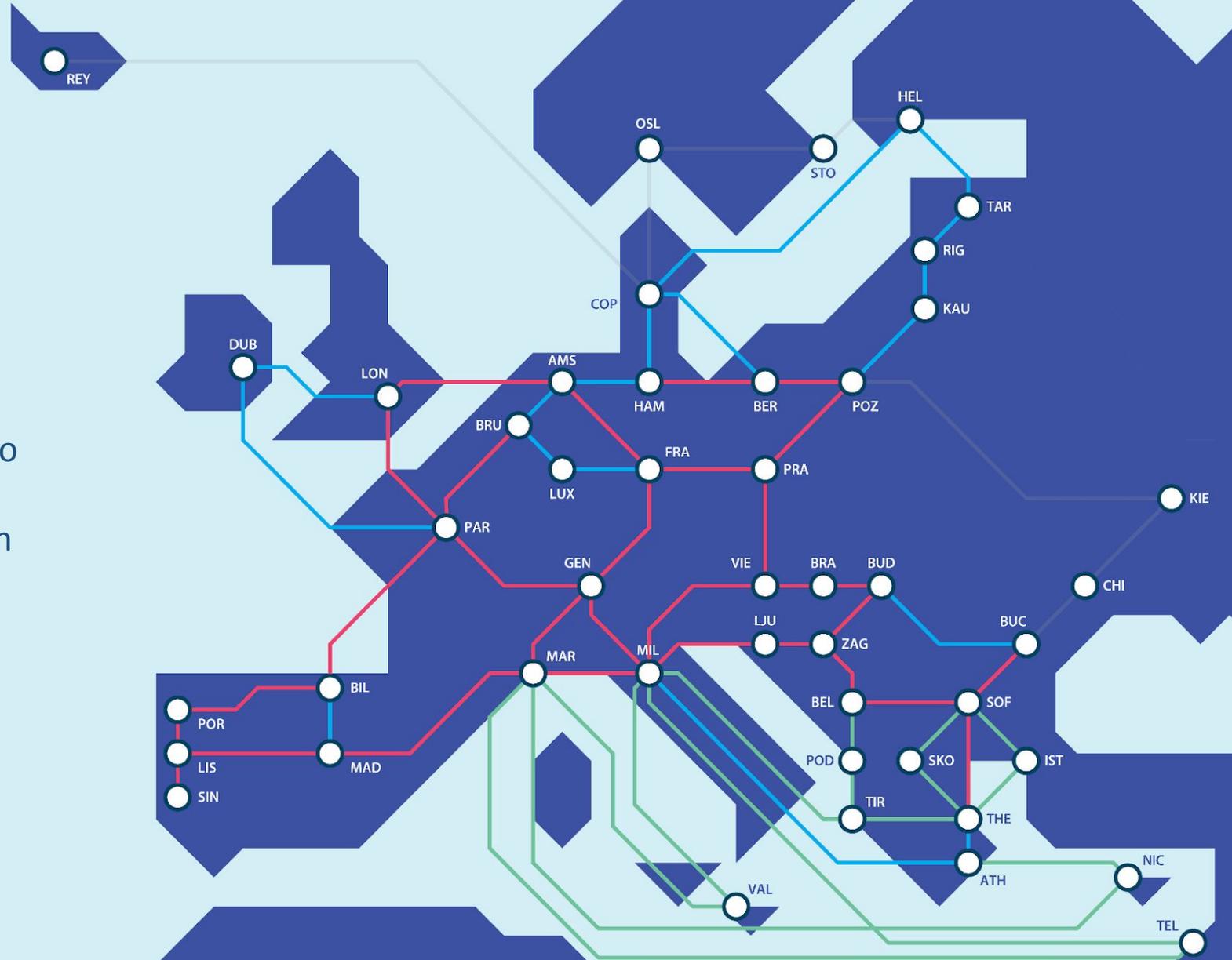
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