

# perfSONAR

## perfSONAR Hands-on Basic usage

*ASTRON perfSONAR training*

Antoine Delvaux, PSNC, [antoine.delvaux@man.poznan.pl](mailto:antoine.delvaux@man.poznan.pl)

Szymon Trocha, PSNC, [szymon.trocha@man.poznan.pl](mailto:szymon.trocha@man.poznan.pl)

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# What you will learn

- Hands on training lab setup
- VM access
- Basic GUI usage
- Administrative setup
- Configuring a measurement

# Lab setup

- Lab topology:
  - 19 VM machines (OpenStack) + central server
  - perfSONAR Toolkit 4.1.2 preinstalled, CentOS7
  - Public IP addresses
- Test your VM access:
  - ssh
    - SSH user account: **surf**, SSH user password: **pS@dw1ng3l00**
  - Toolkit GUI access
    - Go to: <http://IP.of.your.node/toolkit/>
    - Web user login account:
      - User: **psadmin**, Password: **aSTRONpS101**



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# Basic usage and configuration

- perfSONAR Toolkit GUI walk through
- Administrative setup
- Configure a measurement
  - Create a new test
    - Throughput
  - Use default parameters
  - Choose a random host
    - Choose another lab host or remote host