perfSONAR Hands-on
Basic usage

ASTRON perfSONAR training

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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**

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