perfSONAR

Hands-On 4th EU workshop
Environment setup

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perfSONAR is developed by a partnership of   ESnet   GÉANT   INDIANA UNIVERSITY   INTERNET2   RNP   UNIVERSITY OF MICHIGAN

The hands on setup

- Server roles

- Measurements and schedule

- Measurement Archive

- pSconfig - orchestrator

https://docs.google.com/drawings/d/1hyCzDD6rH2vUcKX3AV3D6d0phBNb0PA5yP1OWaRrBp4/edit

Server roles

- pS Test servers
  - local organization
  - external organization
  - public services

- pS Measurement archive
  - Central - demo script
  - Local check if there is a local one

- pS GUI

Measurements and schedule

- Latency - continuous
- Throughput - 40min
- RTT - 5 min
- traceroute - 10min
- DNS - 10 min
- HTTP - 10 min

pSconfig - orchestrator

- Instructions for coordination of measurements details
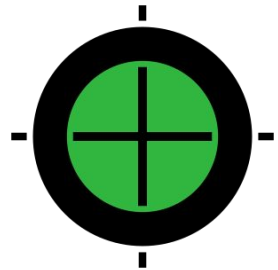 - your pS MA

    /usr/lib/perfsonar/archive/perfsonar-scripts/psconfig_archive.sh -a ip -n my.ma.host

- Publisher

- perfSONAR style GUI management

- Skeleton:
  - https://raw.githubusercontent.com/perfsonar/psconfig/5.1.0/psconfig/perfsonar-psconfig/doc/skeleton.json

Hands-on

https://docs.google.com/drawings/d/1hyCzDD6rH2vUcKX3AV3D6d0phBNb0PA5yP1OWaRrBp4/edit