



perfSONAR 5.2 training

Hands-on: logs and debugging

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GN5-2

When things don't work as expected

- Check DNS resolution
- Double check DNS resolution
- Triple check DNS resolution
- Check services are running
 - `systemctl status/restart`
 - List of services: https://docs.perfsonar.net/manage_daemons.html
 - In case of doubt, reboot
- Look at your host health dashboard, spot if any service is down or restarting at some point

perfSONAR logs

- 2 main locations:
 - /var/log/perfsonar/psconfig-pscheduler-agent.log
 - /var/log/pscheduler/pscheduler.log
- More documented at https://docs.perfsonar.net/manage_logs.html

Debugging a pScheduler task

- What if a task fails?
 - Run a pScheduler task
- Look at schedule
 - `pscheduler schedule --filter-test trace -PT30M`
- Spot the URL mentioned and open it up
- You'll see various interesting information:
 - Task specification
 - Complete error message running the task
 - Information about archiving
- If you don't have any more clue
 - Ask on users' list
 - Contact us at perfsonar@lists.geant.org