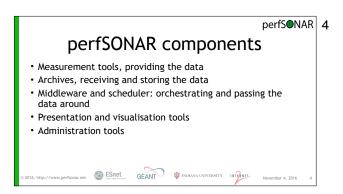
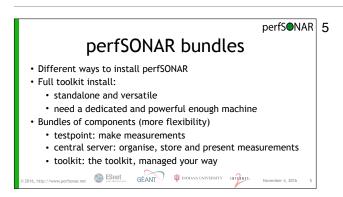
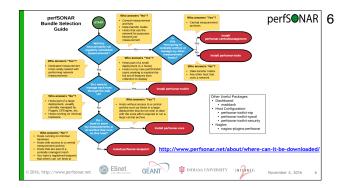


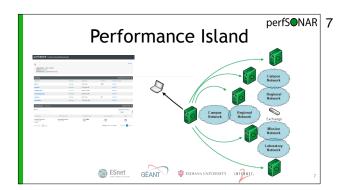
perfS●NAR Why Performance Measurements? • Consistent behaviour in performance requires correctness • Correctness requires the ability to find and fix problems • You can't fix what you can't find • You can't find what you can't see • perfSONAR lets you see the performance of your network • Fix problems in your infrastructure • Prove to other that your infrastructure is behaving well • Many players in an end to end path • Ability to show correct behaviour aids in problem localisation

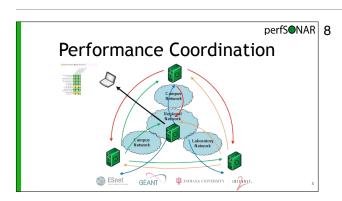
PerfS●NAR What is perfSONAR? • perfSONAR is a tool to: • set network performance expectations • find network problems (soft failures) • help fix these problems • all in a multi-domain environment • Standard way to publish network monitoring and performance data: • Your node can be public, like many (-2000) around the world • You can make measurements towards any public node • Service Directory: http://stats.es.net/ServicesDirectory/

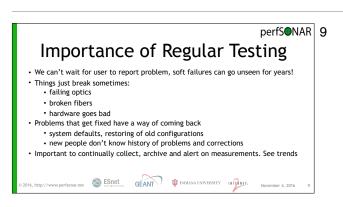


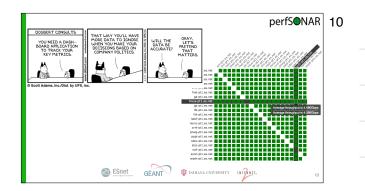












perfS

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Workshop Objectives

- Being able to deploy a central perfSONAR server (Archive and Dashboard) for a set of preconfigured perfSONAR clients.
- Doing a deployment similar to what we've done in the perfSONAR on Small Devices in GÉANT project.

2016, http://www.perfsonar.net ESnet GÉANT WINDIANA UNIVERSITY INTERNET.









Workshop context and ... warning

- We will be working with perfSONAR 4.0-RC
- · Release Candidate, still some rough edges
 - Final release expected early December ... or January
- Deployed in a lab environment, which is not what perfSONAR is at ease with
- The most important are the concepts
- Better that then a workshop on an outdated version of perfSONAR









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