



# Experiences Deploying PerfSONAR “LHC NPToolkit” Beta Release

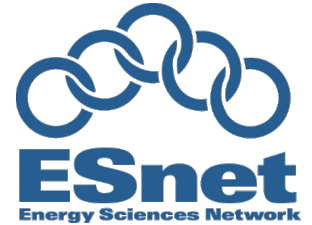
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**ESnet**



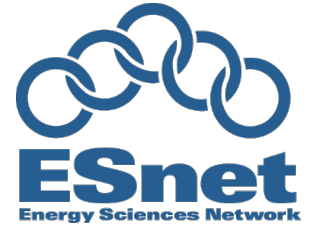
# Installation



- **Takes < 30 minutes**
- **Steps**
  - **Download iso file (5 min)**
  - **Burn CD (5 min)**
  - **insert CD, hit reset, and wait for it to boot up (10 min)**
  - **answer configuration questions (5 min)**
- **Most services are now up and running!**



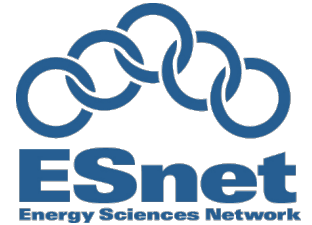
# Additional Configuration



- **To run SNMP collector for SNMP MA (measurement archive), need to configure cacti**
  - <http://code.google.com/p/perfsonar-ps/wiki/CactiConfig>
- **Might want to add additional pingER hosts**
  - web interface for this
- **Might want to configure regular throughput or delay tests**
  - web interface for this



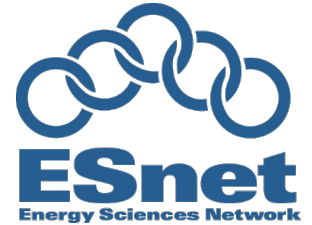
# Current Issues



- **Bug where configuration settings not saved across a reboot**
  - fix for this in the next release
- **Currently come up with both http and https services running**
  - I would like an option to force https only



# Future needs

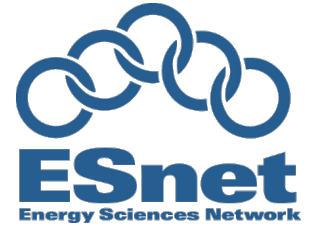


- **My personal list of needed missing components**
  - **Test client to monitor all perfSONAR services that LHC cares about**
  - **Better support for redundant services**
  - **Better support configuration update services**
  - **Better support for grouping services into “communities”**



# More Information

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- **FAQ available here:**
  - **<https://wiki.internet2.edu/confluence/display/PSPS/LHC+NPToolkit+FAQ>**