Simple Lookup Service (for perfSONAR and beyond...)

Speaker: Sowmya Balasubramanian, ESnet (sowmya@es.net)

Design Goals

1. To meet the needs of growing perfSONAR community
   - Use cases and design review driven by perfSONAR community

2. Simple API

3. Extend to non-perfsonar services

4. Security
Simple Lookup Service
(for perfSONAR and beyond...)

Speaker: Sowmya Balasubramanian, ESnet (sowmya@es.net)

Design

1. REST/JSON API
2. Backend: MongoDB
3. Flexible architecture
   1. Allows scaling up or down
   2. Security layer
Simple Lookup Service
(for perfSONAR and beyond...)

Speaker: Sowmya Balasubramanian, ESnet (sowmya@es.net)

Result

- New LS is \(~95\%\) faster than old LS

Try it now: http://ps4.es.net:8085/lookup/services
(All you need is a web browser!)