KSU PerfSonar Design

8 Regional Campus Nodes

Oarnet

100Gb/s Link

10Gb/s 40 Gb/s

100Gb/s Attached Server Running

perfsonar-toolkit
Requires two 2GHz cores (four cores recommended) and 4GB RAM
2.8GHz or higher if you want to test 10G paths.

Kent Main Campus

Main Campus
1Gb/s PerSonar Running perfsonar-toolkit

Current Box needs at least upgraded nic
Consider move to Regional

Science DTN Cluster

10Gb/s
40Gb/s

perfsonar-centralmanagement box for NTS.
Min 2 cores 4GB ram

Data Center or Cloud

Hardware List
8 - 2 cores 2.8 Ghz
4GB Ram
1Gb/s Nic
1 10Gb/s nic or new
2 cores 2.8 Ghz
4GB Ram box

perfsonar-centralmanagement box for Classroom teaching box.
Min 2 cores 4GB ram