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Observations on (some) PerfSonar Deployments

(Names have been changed to protect the guilty)

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Site 'A'

- PerfSonar tools: ~ 150 Mbit/sec
- Direct peering between UW & 'A'
- Found:
 - Reality: > 7 Gbit/sec
 - PerfSonar node on IT Dept. Office network



Site 'B'

- PerfSonar tools: bandwidth square wave
- Found:
 - 'B': "Oops, try this one instead"
 - PerfSonar node busy / not dedicated?



Site 'C'

- PerfSonar tools: 1G out, 0.35 G in
- Found:
 - Reality: 5-7 Gbit/sec
 - PerfSonar node in address space with different egress routing policy



Recommendations

- PerfSonar deployment must be collocated with data xfer end-hosts
- Need PerfSonar at the border/regional
- Time to graduate from lab/testing to production grade deployment