

- **Available bandwidth** (NOC /gLite/ GOC bottleneck identification, NOC can also need available bandwidth by hop; SLA; tools: Pchar lperf? frequency?)
- **Achievable bandwidth** (gLite/ GOC reliability, stability, TCP performance, SLA)
 - **Difficult to measure**
 - **PMTU (Path Maximum Transmission Unit)** (NOC/GOC trouble shouting large packet size transit problem; segmentation pb)
 - **SNMP: packets in/out, dropped frames, errors**
 - **Data access/Data storage**
- **The measurements MUST be available for both IPv4 and IPv6 protocols.**
- **Access to these metrics should be done from a single point abstracting all different network domains and technologies involved.**