

Current Issues related to perfSONAR Protocol

Andreas Hanemann

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- DFN would like to make use of perfSONAR in day-to-day operations
 - Obvious that code needs to evolve to be very robust (would be the same situation in any project)
 - Concrete issues: RRD MA performance not acceptable for 700 interfaces
 - DEISA project has similar problems (15 interfaces, but to be polled every 30 s)
 - Since data transfer between Hades MA and CNM did also not scale using standard perfSONAR schema (special solution implemented by DFN), my guess is that perfSONAR protocol needs to be revisited
 - This point needs clarification within next weeks (not months)

- Ambiguities in understanding perfSONAR protocol
 - Visualisation developers have to do some experimentation about these
 - Service not accessible. Two possibilities:
 - Service down or new incompatible namespace utilization
 - Not possible to ask about schema version
- Criticism on perfSONAR protocol in GN3 JRA2 T3
 - Lack of proper separation between information model and communication model
 - Lack of generic information model for MA and MP
 - Lack of proper validation mechanisms
 - Own remark: no more mentioning of RNC-schema, would this be possible with it?
- Documentation to be consolidated (obvious central location would be helpful)
 - Maintenance of www.perfsonar.net

- RRD MA performance problem, schema investigation: checked in GN3 at first
- Schema namespaces ambiguities resolution mechanism: clear documentation of backward compatibility, take more care when new release installation
- Dealing with JRA2 T3 points: Roman to send deliverable, to be discussed on NM-C list
- Documentation/www.perfsonar.net update: Joint task in DICE, put links to OGF document sites