

DDM and T3s

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- Client based T3: T3g
 - Not known by DDM
 - Gets data via dq2-get
 - Little monitoring via DDM traces
- Service based T3: T3s
 - Known by DDM (in ToA)
 - Get data via DDM subscriptions
 - Full DDM monitoring and accounting
- Client based T3 + some “s”: T3gs
 - Not known by DDM
 - Hosts grid services as gridFTP server (or even SRM)
 - Can get data via DDM + FTS

1. Which DDM endpoints should be there?
 - LOCALGROUPDISK only?
 - DATADISK and MCDISK? (SC: no)
 - HOTDISK? (SC: if DB release needed)
 - SCRATCHDISK? (SC: if data upload needed)

1. “Obsolete” data are automatically removed from T1s and T2s. What about T3s?
 - In case of “bugged data” (SC: yes)
 - In case of “old data” (SC: boh..)

2. Should other sites get data from T3s
 - If DDM finds it convenient? (SC: no)
 - If it is the only remaining copy of the data? (SC: yes, but...)

3. Should we run FTs on T3s? Yes. But...
 - In which endpoint? Which file size? How often?
 - What do we do if they fail? Blacklist? Forget about?

- This applies to anyone using dq2-get
 1. Should we have an integrated monitoring for all DDM data accesses?
 - Including subscriptions and dq2-put/get requests
 1. Would this fit in the dashboard framework or we need yet another monitoring
- For (1) I think we should and for (2) I think it would

- Remind me why T3gs are not known to DDM (in ToA). I can think of:
 - Tend to be unstable
 - They should not interfere with T1s and T2s
 - Datasets in T3gs should not be registered in LFC nor DDM
- I understand T3gs should not be treated like T1s and T2s
 - But may be we can modify DDM to cope with the requirements

- Put them in ToA and serve them via DDM subscriptions
 - Monitoring would come for free
 - DaTRI will come for free (automation)
- But Site Services would be modified so that
 - Files are not registered in LFC
 - Lookup via SRMLs or gridFTP would be used
 - Replicas are not registered in DDM
 - No accounting
 - They will not be used as source
 - Deletion would be up to the site
- But monitoring would be modified so that
 - T3s are displayed in a dedicated view
- All this is some work for DDM devs, but I think it is worth the investment
- What about Functional Tests?