



GSI Removal group status

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On behalf of

The GSI removal Working Group

The mandate

- EMI has to do this:
 - “achieve commonality in access control by replacing the currently used GSI with the industry standard SSL/TLS framework.”
- Which in practice means:
 - Substitute GSI endpoints with SSL endpoints.
 - Find an alternative implementation for delegation.

Change GSI to SSL

- Most components have little problem with this. They either:
 - Can just publish a new endpoint, or
 - Do not directly do Net connection but rely on some other component, or
 - Can already speak SSL.
- In no way this means “remove globus libraries.”
- This issues seems pretty much solved.

What to do with delegation?

- We need delegation. Several services depend on it.
- There are several independent implementations – GSI, gridsite, java-delegation.
 - What to do? Which one to choose?
- See Aleksandr's slides for in-depth discussion.

Example case: SRM

- The most involved components seem to be those related to data management and SRM.
 - Protocols are fixed and defined by external entities.
 - See Paul's slides for details.



Thank you

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