

gLite Information System Requirements

- information source: Laurence Field - Laurence.Field@cernNOSPAMPLEASE.ch
- external resource: not known

Description

site-level BDII -> top-level BDII One-way reliable data transfer between 400 producers and 20 consumers for the Information System synchronization.

Client types

Producers

Producers produces synchronization differences. They are WAN distributed.

Consumers

Consumers consume synchronization differences. They are WAN distributed.

Destination types

For a give destination type:

- instances number: 400
- messages content: LDIF synchronization information
- messages size: 0 to 100K
- format of the messages body: LDIF
- messages lifetime: 2 minutes
- maximum latency: <2 minutes
- permanent connected producers and consumers
- security requirements: producers should be verified

For a given destination instance:

- 1 producer, 1 message every 2 minutes
- 20 consumers, 20 messages every 2 minutes

For a given destination type:

- 400 producers, 400 messages every 2 minutes, <10 messages per second
- 20 consumers, 20*800 messages every 2 minutes, < 100 messages per second

Programming languages

Python if the current Information System is extended, unknown otherwise.

This topic: EMI > EMIMessagingRequirementsgLiteInformationSystem

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