

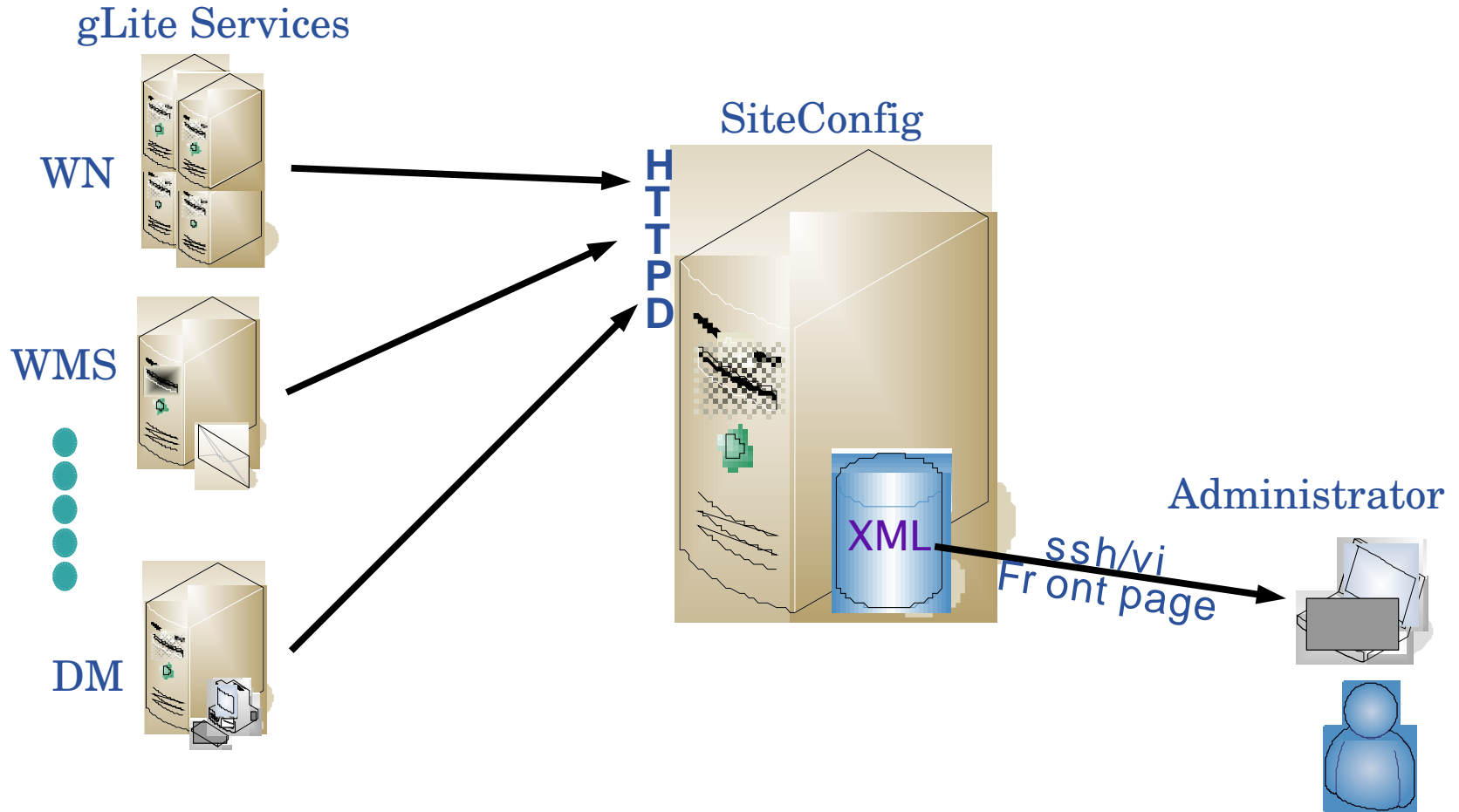
# Glite Configuration Service and Management Console

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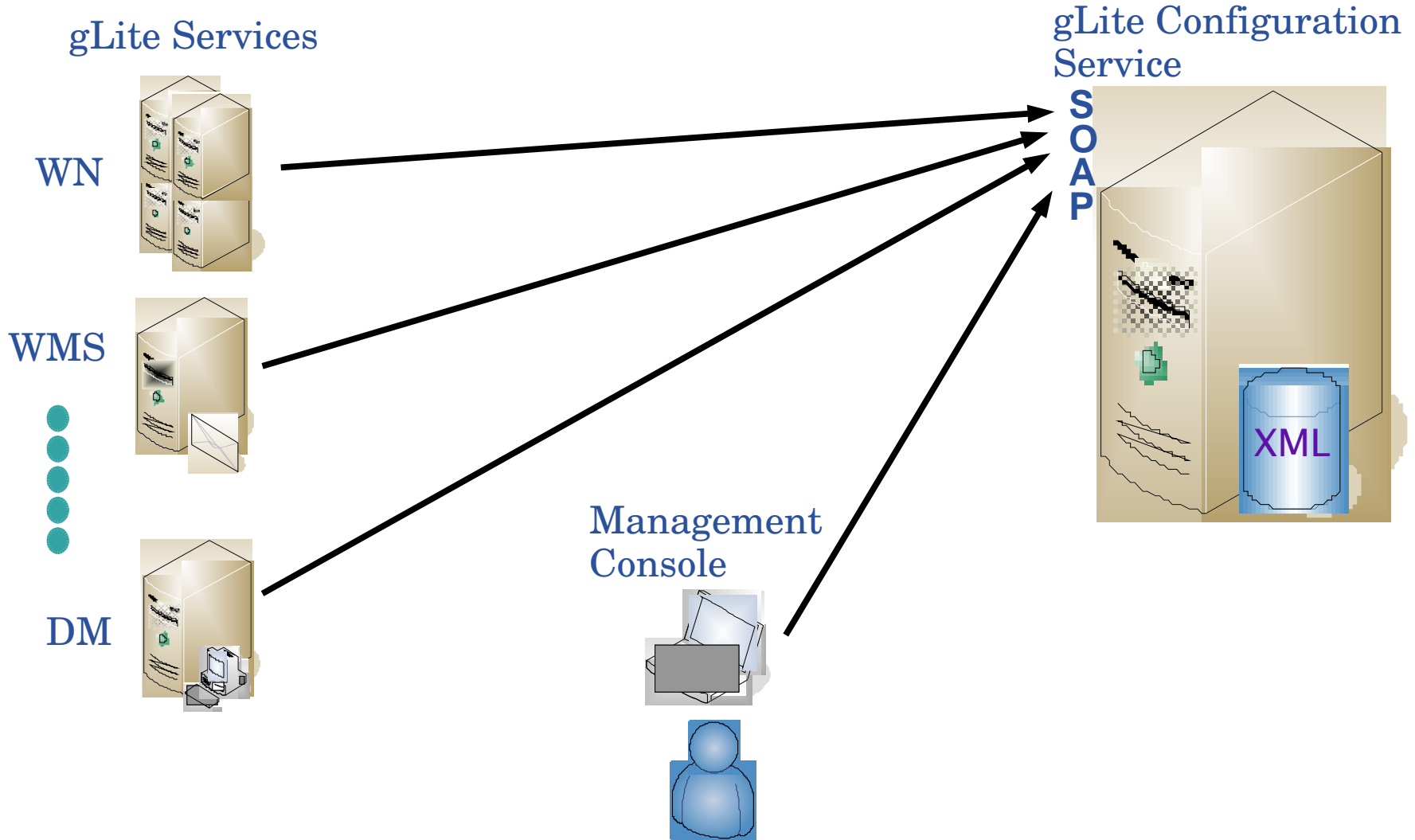
- **gLite Configuration Service**
  - Why (Current status, needs for improvements)
  - Architecture
  - Security
- **gLite Management Console**
- **Demo of the prototypes**

- **Current configuration methods**
  - Local configuration (local configuration files)
  - Site configuration (site config file)
- **Disadvantages**
  - Local files: Complicated to manage, too many XML files, many nodes, ...
  - Site configuration: non-sufficient security level, only XML based configuration storage
- **Evolution needed**
  - Improved manageability (querying, updating, ...)
  - Possibility of different back-ends
  - Fine grained security (read/write,...)



- **Central site-wide secure configuration repository with**
  - Web service interface to the clients
  - Supporting different physical configuration storages
    - File
    - Database
    - ...
  - Fine-grained security
- **Implements GliteService configuration and management interface**

- **Very hot topic**
- **Intensive discussions with JRA3**
- **Security possibly based on the client certificate with fine privileges mapping**



- **Several meetings with SA1 and site administrators (Athens, CERN, etc) showed that:**
  - XML editing using “vi” is not very comfortable with big risk of errors
  - There is a need for more “gLite specific” functionality
- **Interface to the management functionalities**



- **Prototype of the gLite Configuration Service**
- **Prototype of the gLite Management Console**
- **Not full functionality implemented**