



LEIDEN UNIVERSITY MEDICAL CENTER

e-Infra

Jeroen F.J. Laros

Leiden Genome Technology Center

Department of Human Genetics

Center for Human and Clinical Genetics



Goals

Facilities.

- Keep them up and running.
- Manage access.
- Data sharing.
- Security and backup.

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Realise this via:

- Federated authentication and authorisation.
- Dedicated network connections (e-lan).
- Documentation and automatic roll-out of software.

Federated authentication and authorisation

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- More than 10 different groups.

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Pilot with SURFsara to solve this.

- User accounts are managed by the institutes.
- Ideally, access is managed by putting users in a certain group.

Data sharing

The current situation results in:

- Complicated procedures to transfer data.
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With the e-lan we set up a fast, reliable and safe permanent connection.

- Only accessible from other UMCs (possibly other partners like universities will participate).
- In combination with the federated authentication and authorisation, data can be kept at the hosting institute.

Documentation and software roll-out

Tools and pipelines are difficult to deploy.

- Dependencies.
- Databases.
- System configuration.

Also, making a VM has disadvantages.

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We propose to use Ansible playbooks.

- Human readable.
- Machine executable.

Questions?