Perun

(De-)Provisioning in Perun IAM

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Provisioning

- No standardized solution
  - Writing connectors per service
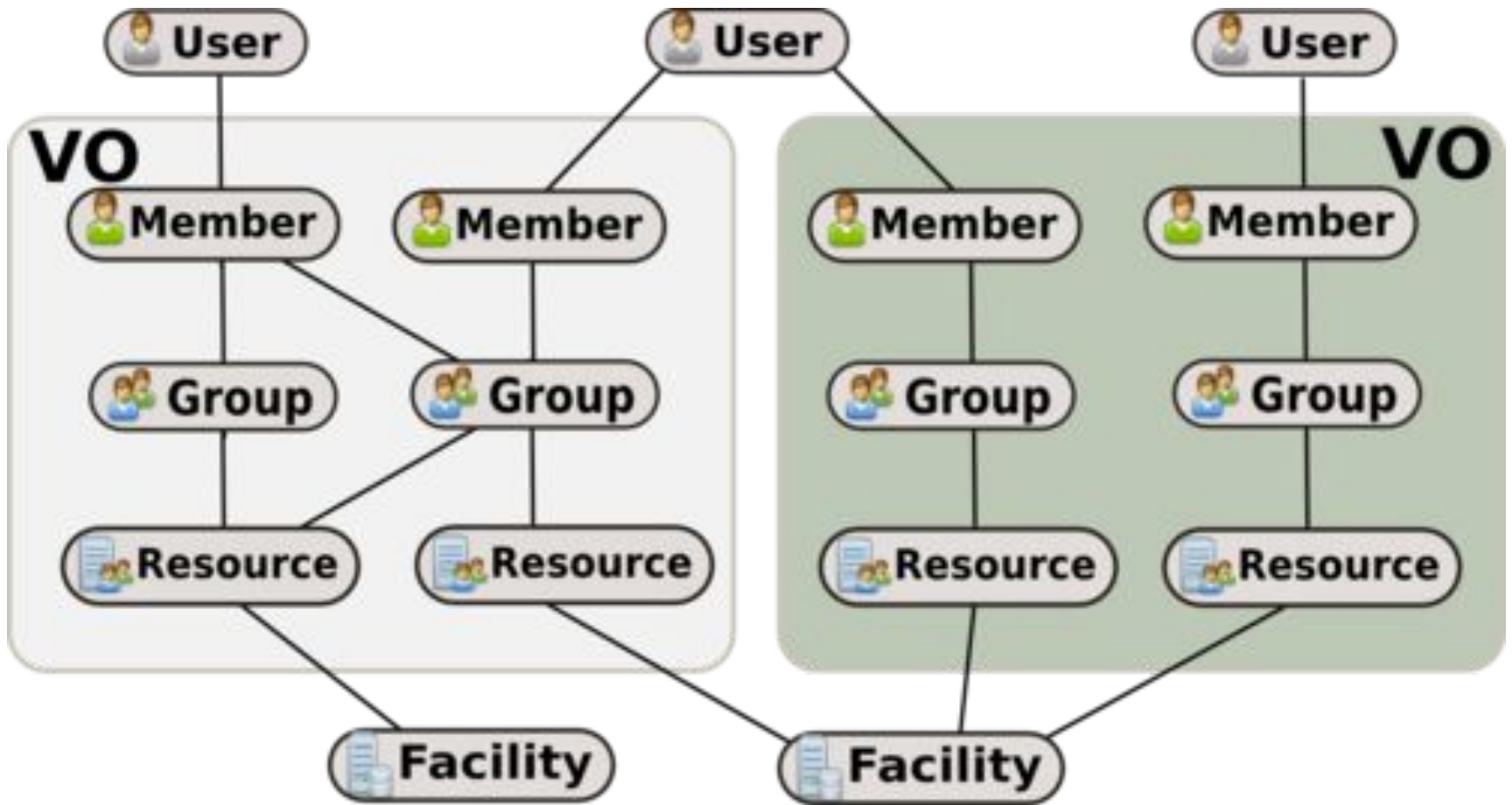
- Showcase: provisioning in Perun

Perun - provisioning

- Identity and Access management
- Proprietary (de-)provisioning
  - Custom service connectors
- Pushing data to services
- Always pushing full state
  - Consistent state on services
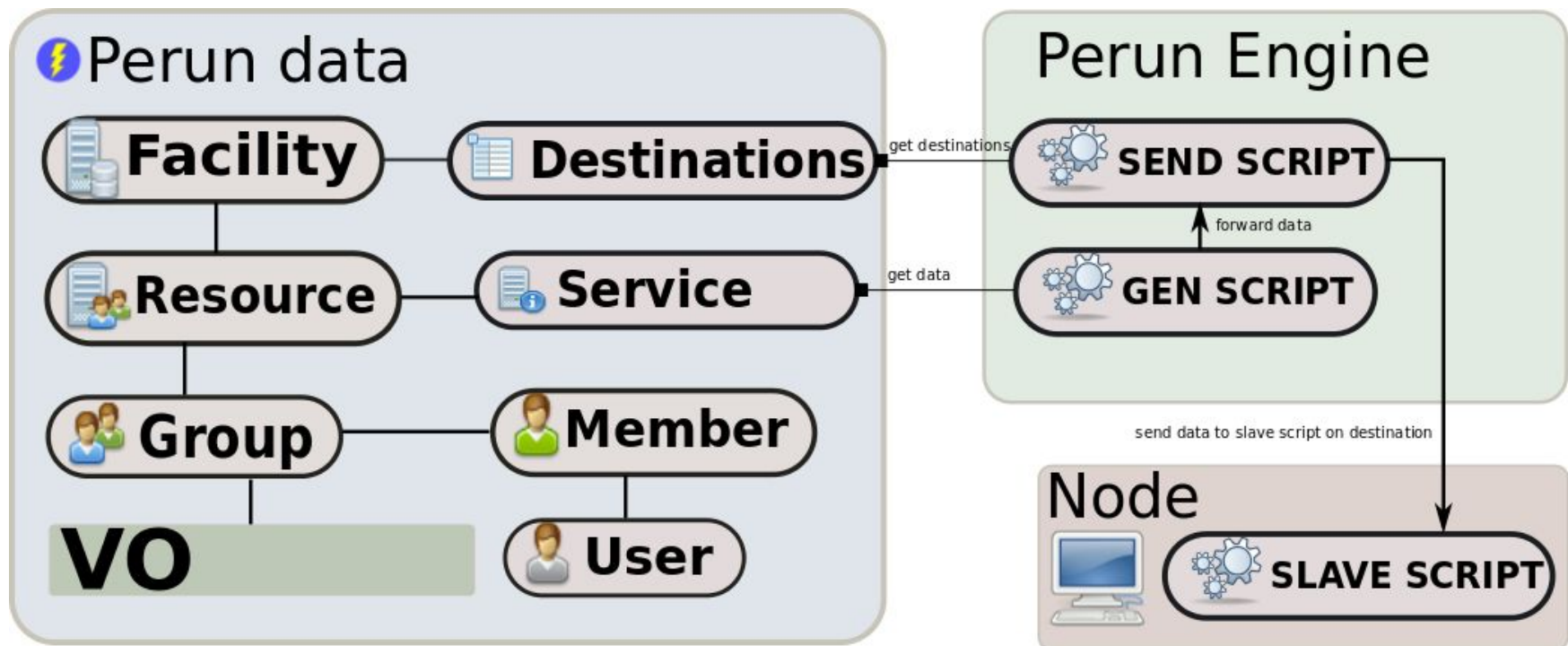- Connectors are very simple

Managed entities abstraction
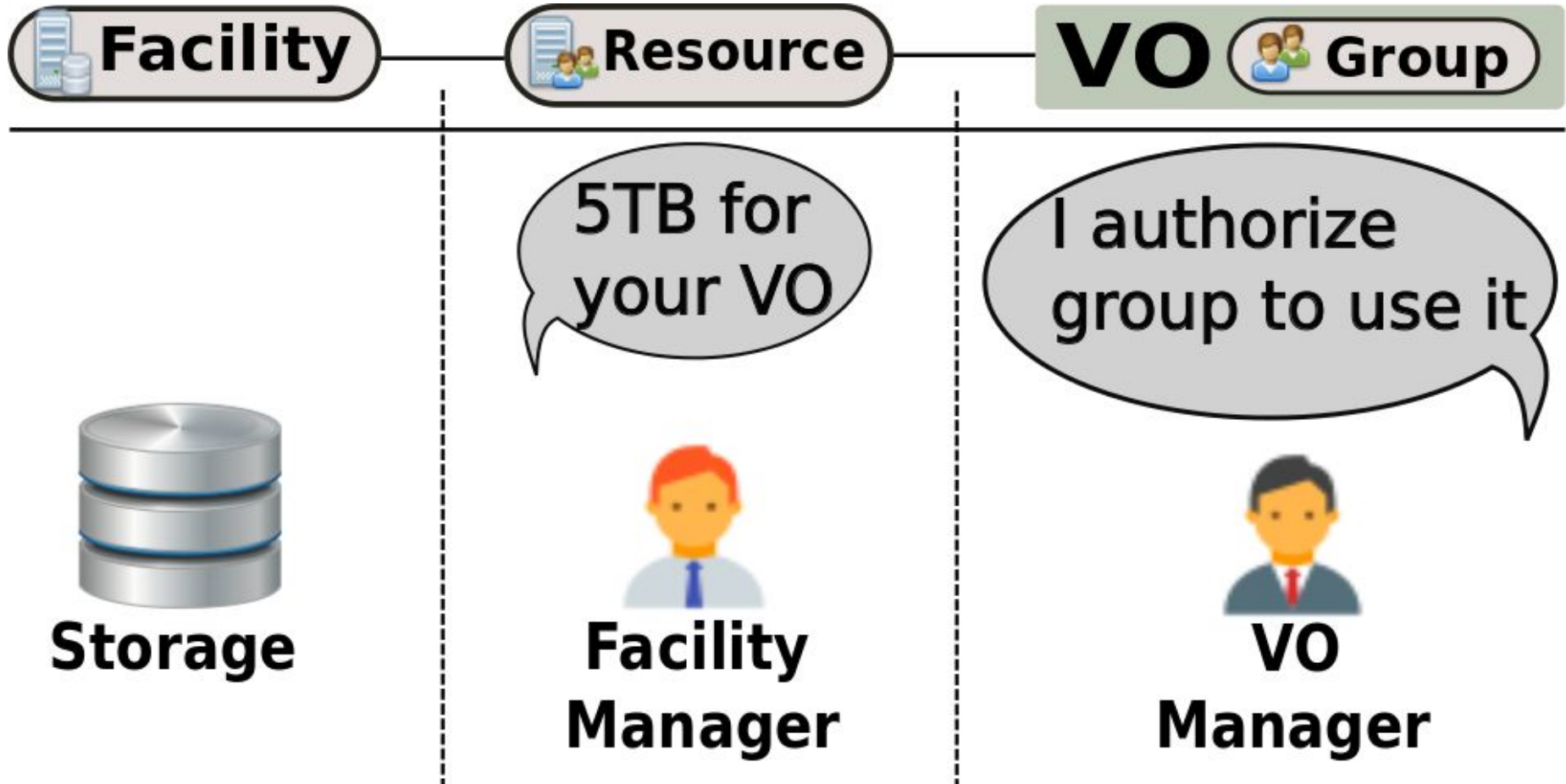
VO model

Provisioning connectors

Benefits

- Simple solution
- IAM state is forced on services
- Services have the data locally
    - No online dependency
- Deprovisioning
- Services admin in charge
    - Slave script configuration

Issues

- Writing service connectors
- Full state updates might be slow
- Some services cannot receive new full state easily
- Dependencies between services
- IAM don't know the exact state on service

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Thank you for attention

https://perun-aai.org

https://github.com/CESNET/perun
https://github.com/CESNET/perun-services

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