

VOOT

Maarten Kremers, SURFnet
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Introduction (I)

- GN3-JRA3-T2
- Sharing resources (services) to providers from different federations
- With collaborators across the federations

Introduction (2)

- Orthogonal to Identity Federations, makes use of federated authentication but does not require it.
- No shared user identifiers as a prerequisite
- Data model based as a subset of OpenSocial

Use Cases

- I. Access Control on web-based service
- II. Invitation in web-based collaboration service
- III. E-mail list server as a group consumer

Protocol (I)

- AuthN on REST via OAuth

Services

- Get list of groups the current user is member of (isMemberOf):
 - Endpoint: `{BaseURL}/groups/@me`
 - Returns: groups
- Get list of participants in a group (getGroupMembers):
 - Endpoint: `{BaseURL}/people/@me/{group-id}`
 - Returns: persons

Protocol (2)

Group:

```
{  
  id: 'geant_idetityfederations',  
  name: 'GÉANT Identity Federations',  
  description: 'All registered participants to the GÉANT Identity  
Federations, and some selected external contributors.'  
}
```


Protocol (3)

Persons:

```
GET /people/@me/geant_identityfederations
```

```
[  
  {  
    displayName: 'Andreas Åkre Solberg',  
    emails: ['andreas@uninett.no', 'andreas.solberg@uninett.no'],  
    voot_membership_role: 'admin'  
  },  
  {  
    displayName: 'Leif Johansson',  
    emails: ['leif@sunet.se'],  
    voot_membership_role: 'manager'  
  }  
]
```


Protocol (4)

- VOOT Extention
- Comments are most welcome

PoC Implementations

- Foodle - Norway
- Sympa - France
- COIP - Sweden
- SURFconext - The Netherlands

Information

<https://github.com/andreassolberg/voot/>