Perun

eduGAIN Groups Manager Demo

Michal Procházka, Slávek Licehammer

Motivation

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- Support of long-tail
- Easily achievable using Perun system (CESNET instance is already in eduGAIN)

Perun

- Identity and Access Management system
- Manages VOs, groups, users and resources
- Identity consolidation
  - Linking federated and social identities, X.509, …

- Designed to enhance existing systems
- Provides API for all its components (incl. VOOT)
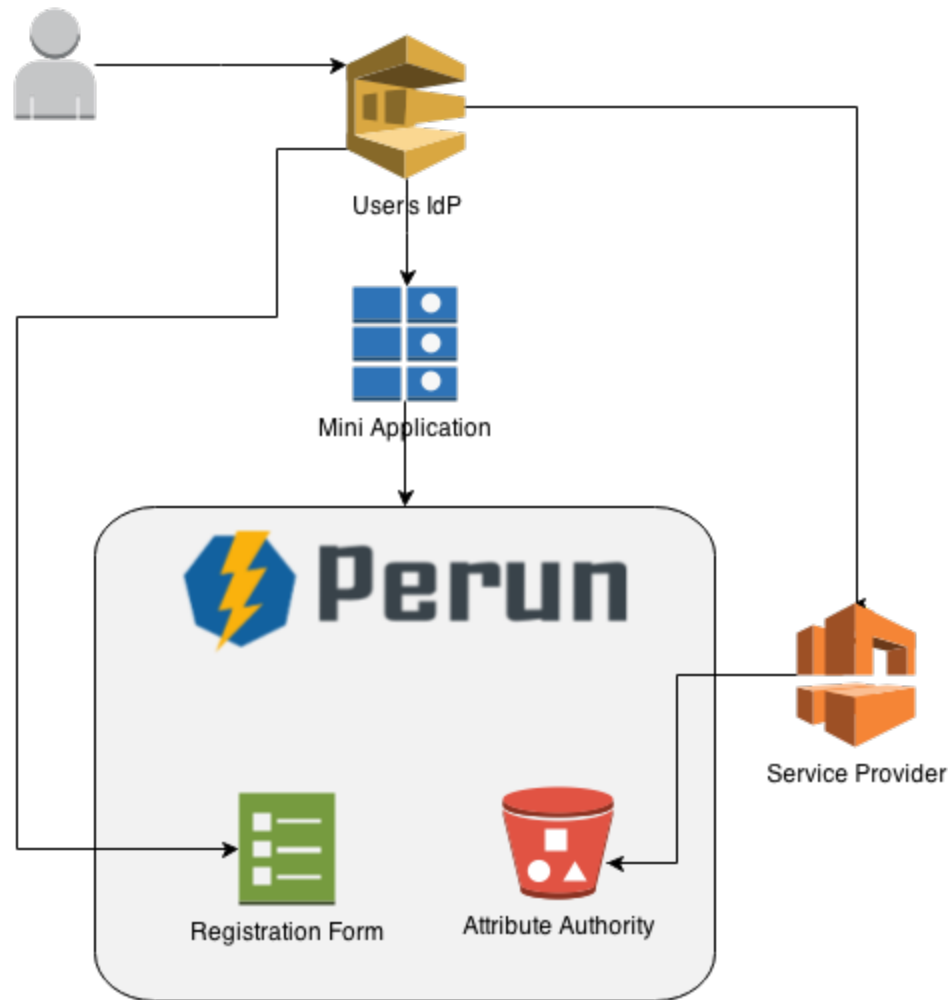- Support for mini applications like eduGAIN Groups Manager Demo

eduGAIN Groups Manager Demo

- Goal
  - provide playground for AA testing
  - as simple as possible

- Requires release of displayName, email and eppn

- If users want more: full fledged Perun, HEXAA, OpenConext, ...

eduGAIN Groups Manager Demo

Demo

https://perun.cesnet.cz/edugain/registrar/?vo=edugain_group

eduGAIN

Application for eduGAIN Group Service Demo

My applications

Logout

User registration for eduGAIN Group Service Demo

This is the testing service which allows creating user groups and provide them via attribute authority interface to services registered within eduGAIN.

Name* Slávek Licehammer

E-mail* slavek@ics.muni.cz

If you enter different mail than the one already filled then you will receive a validation mail to the new mail.

By clicking 'Submit' you agree that your name, email and eduPersonPrincipal name will be available through the attribute authority operated by CESNET and available for all services registered in eduGAIN.

✅ Submit

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logged as Slávek Licehammer

- Groups Manager Demo
- Help

eduGAIN Group Service Demo

Create Group   Invite User

Name	Description
Klingons	Extraterrestrial humanoid warriors
Romulans	Extraterrestrial humanoid antagonists

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logged as Slávek
Licehammer

⚗ eduGAIN Groups Manager Demo

☘ Groups Manager Demo

✪ Help

Create group   ✕

Group name

| Vulcans |

Description

| Humanoids who attempt to live by reason and logic with no interference from emotion. |

Create Group

Create Group   **Invite User**

Name	Description
Klingons	Extraterrestrial humanoid warriors
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logged as Slávek Licehammer

Groups Manager Demo

Help

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Groups Manager Demo

Help

Invite user to eduGAIN Group Service Demo ✕

User's e-mail

spock@enterprise.uss

Invite User

eduGAIN Group Service Demo

Create Group | Invite User

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❓ Help

🏠

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Help

🏠 > Vulcans

Vulcans

Add Members

Delete Group

no members

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Groups Manager Demo

Help

Delete Group

Add Members to group Klingons

✕

Select members

Type user's e-mail or name

Licehammer Slávek - slavek@ics.muni.cz
Procházka Michal - michalp@ics.muni.cz

Add Members

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👥 **Groups Manager Demo**

❓ Help

🏠 < Vulcans

Vulcans

[Add Members]   [Delete Group]

Name	Preferred Mail	
Michal Procházka	michalp@ics.muni.cz	×
Mgr. Slávek Licehammer	slavek@ics.muni.cz	×

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```
root@edugain-group:/opt/shibboleth-idp/bin# ./testAA.sh
./aacli.sh --configDir ../conf/ --principal [____]@muni.cz  -requeste

<?xml version="1.0" encoding="UTF-8"?><saml2:AttributeStatement xmlns
    <saml2:Attribute FriendlyName="uniqueGroupName" Name="https://edug
meFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri">
        <saml2:AttributeValue xmlns:xs="http://www.w3.org/2001/XMLSchem
ce" xsi:type="xs:string">edugain_group:Vulcans</saml2:AttributeValue>
        <saml2:AttributeValue xmlns:xs="http://www.w3.org/2001/XMLSchem
ce" xsi:type="xs:string">edugain_group:members</saml2:AttributeValue>
    </saml2:Attribute>
</saml2:AttributeStatement>

root@edugain-group:/opt/shibboleth-idp/bin#
root@edugain-group:/opt/shibboleth-idp/bin# █
```

Perun

logged as Slávek
Licehammer

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Remove Slávek Licehammer from group Vulcans ✕

Do you really want to remove member Slávek Licehammer?

Close   Remove Member

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🛟 Help

Vulcans

Add Members   Delete Group

Name	Preferred Mail	
Michal Procházka	michalp@ics.muni.cz	✕
Mgr. Slávek Licehammer	slavek@ics.muni.cz	✕

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10/20/04 REFEDS meeting Indianapolis USA

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Vulcans

Add Members   Delete Group

Name	Preferred Mail	
Michal Procházka	michalp@ics.muni.cz	×

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Conclusion

- Problems
  - Requires IdPs to release personal data

- Play with it
- Test it
- Provide feedback

Thank you for your attention

https://perun.cesnet.cz/apps-non/edugain-group/
http://perun.cesnet.cz