
IdPaaS Final Demo

GN4-3 T&I incubator Team as
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In a nutshell

- It is about designing an open source software targeted at NRENS that is capable of automating the process of deploying and managing IdPs.



Goals

- Collect requirements from the R&E community
 - Define a software specification and design based on the community requirements
 - Develop a prototype that implements all basic requirements
 - Provide all basic required functionality
 - Gather initial feedback from potential users
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Requirement Analysis

- Requirements collected
 - Platform requirements
 - IdP Creation [IC]
 - IdP Deletion [ID]
 - IdP Management [IM]
 - SP Management [SM]
 - User Management [UM]
 - Authentication & Authorization [AA]
 - Software Deployment [SD]
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Requirement Analysis

- Requirements collected
 - IdP requirements
 - Authentication [AU]
 - Credential Handling [CH]
 - Attribute release [AR]
 - User management [UM]
 - Metadata publishing [MP]
 - Metadata consumption [MC]
 - Logging [LO]
 - Statistics [ST]
 - Branding and contact data [BC]
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Requirement Analysis

- Reference design
 - <https://wiki.geant.org/display/gn43wp5/IdP+as+a+service+reference+design>

Pre-existing tool comparison

- Campus IdP
 - GN JRA3 project
 - samlidp.io
 - indie project done by folks close to Hungarian NREN
 - After a comparison of strengths and weaknesses and future potential, samlidp.io was selected to move forward
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Reference implementation

samlidp.io

gap analysis:

<https://wiki.geant.org/display/gn43wp5/IdP+as+a+service+reference+implementation>

Screencast time!

https://drive.google.com/file/d/1LeXt72AtUHxKZAHgwMOF_g_bL_hBLdP4/view

Closing remarks

- We have developed a reference design and implementation (with some gaps)
 - We have prepared the ground for a takeup by a potential service activity
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Thank you!
