Trust & Identity Incubator - IdP as a Service

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Initial Project Goals

• Continue work as was started in GN4-2 project
• Further develop software solution
• Work on business case for offering IdP as a Service solution
• Targeted at NREN level

Next up: Confirm with community @TNC2019
“No battle plan ever survives contact with the enemy.”
Two sets of responses:

- “Enable our institutions to make use of commercial tools”
- “Want to run a lightweight service for our institutions”

Impact on incubator:

- Current solution too heavy weight => Work terminated
- More focus needed on Minimal requirements for IdPaaS tool and the IdPs it delivers
- Is there a more lightweight solution?
IdP as a Service reference design

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

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]

https://wiki.geant.org/display/gn43wp5/IdP+as+a+service+reference+design
- Identifier a lightweight hosted solution
- With an existing community
- Test and if needed contribute [https://github.com/sitya/samlidp](https://github.com/sitya/samlidp)

[https://wiki.geant.org/display/gn43wp5/IdP+as+a+service+reference+implementation](https://wiki.geant.org/display/gn43wp5/IdP+as+a+service+reference+implementation)