

# REFEDS Baseline

an overview - 03/Mar/2022

# Introducing the presenters

Pål Axelsson, Sunet

- Federation Operator for the Swedish academic federation SWAMID
- Worked with identity federations since 2006.
- Active in various REFEDS WGs

Alan Buxey, MyUNiDAYS Ltd.

- Member of the eduPerson schema editorial board, various REFEDS WGs
- Active in Federation space, eduroam etc for many years

Please reach out via eduGAIN Slack

# The purpose of Baseline Expectations

- Provides a baseline for enhanced trust
- Enabled collaboration via Federation more predictable
- Ensures that Federation's relevance and strategic value to research and education continues to grow

# Introduction to the Baseline

- A set of high level statements that will evolve over time
- Every Federation needs define their own implementation of baseline due to cultural, regulatory, technical and economic differences , to achieve the same goals/outcomes

# Expectations on Identity Providers - part 1

[IPO1] Your Identity Provider is operated with organizational-level authority

[IPO2] Your Identity Provider is trusted enough to be used to access your organization's own systems

*REFEDS Assurance Framework can help with these expectations*

# Expectations on Identity Providers - part 2

[IPO3] You publish contact information for your Identity Provider and respond in a timely fashion to operational issues

[IPO4] You apply security practices to protect user information, safeguard transaction integrity, and ensure timely incident response

[IPO5] You ensure the metadata registered in Federation is complete, accurate and up to date

*REFEDS SIRTFI can help with IPO3 and IPO4*

*eduGAIN SAML Profile may help with IPO5*

# Expectations on Service Providers - part 1

[SPO1] You ensure that controls are in place to protect user privacy in the service

[SPO2] You do not share information received from Identity Providers with third parties without relevant notification and the information is stored only whilst necessary for operational purposes

[SPO6] You publish requirements for any user information required to access your service and ensure these requirements are appropriate and respect privacy

*REFEDS Entity Categories can help with these expectations*

# Expectations on Service Providers - part 2

[SPO3] You publish contact information and respond in a timely fashion to operational issues

[SPO4] You apply security practices to protect user information, safeguard transaction integrity, and ensure timely incident response

[SPO5] You ensure the metadata registered in Federation is complete, accurate and up to date

*REFEDS SIRTFI can help with SPO3 and SPO4*

*eduGAIN SAML Profile may help with SPO5*

# Expectations on Federation Operators - part 1

[FO1] You focus on trustworthiness of Federation as a primary objective and are transparent about such efforts

[FO2] You publish contact information and respond in a timely fashion to operational issues

*eduGAIN membership procedures may help with these expectations*

## Expectations on Federation Operators - part 2

[FO3] You apply security practices to federation operations and ensure timely incident response

[FO4] You follow good practices to ensure authentic, accurate and interoperable metadata to enable secure and trustworthy federated transactions

*eduGAIN Incident Response Handbook may help with FO3*

*eduGAIN SAML Profile may help with FO4*

## Expectations on Federation Operators - part 3

[FO5] You implement and support frameworks that improve trustworthy and scalable use of Federation and promote their adoption by members and other participants

[FO6] You collaborate with other organisations to promote realization of baseline expectations nationally and internationally

*If you support the REFEDS specifications your federation fulfils FO5*

*'First rule of baseline is that you talk about baseline' fulfils FO6*

# Current status

- REFEDS Baseline Expectation is a published REFEDS specification
- Within eduGAIN there is an initiative (eduGAIN Future WG) that is looking into how to recommend the use of Baseline Expectations within eduGAIN
- InCommon has defined their Baseline Expectation (and actively pursuing the next iteration)
- Next steps: Define your own implementation of baseline expectations...

Q+A