Authentication and Authorisation for Research and Collaboration

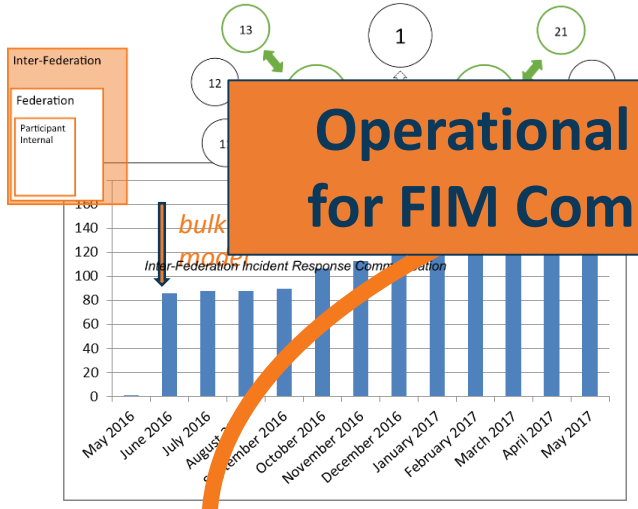
Beyond the AARC horizon

Consolidating policy and best practice activitiesfrom NA3

David Groep
NA3 coordinatior
Nikhef

EUGridPMA54 and AARC NA3 meeting Geneva
January 2019

How can policy help you ease collaboration? A holistic view



Operational Security for FIM Communities

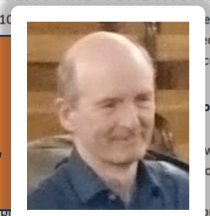
SIRTFI
Security Incident Response Trust Framework for Federated Identity

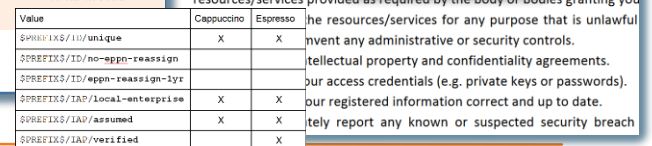
Sctfi

supporting policies for Infrastructures

engagement and coordination

support for Researchers & Community





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$PREFIX$/ID/no-eppn-reassign		
$PREFIX$/ID/eppn-reassign-1yr		
$PREFIX$/IAP/local-enterprise	X	X
$PREFIX$/IAP/assumed	X	X
$PREFIX$/IAP/verified		X
$PREFIX$/AAP/good-entropy	X	
$PREFIX$/AAP/multi-factor		X
$PREFIX$/ATP/ePA-1m	X	X

Things to do in AARC's last 6 mo and beyond when you're still alive by now …

OpSec	**Attribute authority operations** practice … also for Infra proxies
	Trust groups and the exchange of (account) compromise information: ***beyond Sirtfi***
Infra-centric	traceability and accounting data-collection policy framework based on **SCI, providing a self-assessment methodology** and comparison matrix for infrastructure services
	Evolution of **data protection guidance** for services
Researcher-centric	**Baseline AUP** with major Infrastructures (EGI, EUDAT, PRACE, XSEDE) and communities
	Deployment of **assurance guidelines** and assess high-assurance use cases (BBMRI)
Engagement	Evolve **Policy Development Kit** and a simpler top-level security policy with a community 'assessment method' or 'guide' to the adoption of appropriate policy
	Support communities and use cases in policy interpretation through Guidelines

Beyond AARC – how can the good work continue and thrive?

- EOSC-HUB: mainly WP4.4 “ISM”, WP5.1 “AAI”, and WP13 “Virtual Access” for RCauth
- GN4-3: T5.1.4 – eduGAIN security operations and readiness
- GN4-3: T5.4 – enabling communities

Without specific funding but *endorsed by funded infrastructures & projects*:

- IGTF
- Collaboration Agreement GN4-* and EOSC-HUB
- WISE
- AEGIS
- REFEDS

Complementary sources: national e-Infrastructures, domain funding, ESFRIs and EOSC projects

Finding a home – some proposals

Sirtfi

- already in a REFEDS WG (Sirtfi+)
- ‘response model’ to the extent it involves federations can go here as well
- actual incident response plus readiness challenges *on federated ID side* go with new eduGAIN security capability

Communications challenges for security that involve also the Infrastructures

- WISE, specifically the new SCCC WG
- needs some love and care from all Infrastructures

Infrastructure-specific challenges remain infrastructure, but coordinated through SCCC

- like the IGTF RAT CC

Finding a home – some proposals

SCI Assessment

- WISE SCI WG
- support through EOSC-HUB WP4.4 and GN4-3T5.4
- but obviously also from PRACE, XSEDE, GridPP, SURF, &c

Assurance Profiles – from federations to Infrastructures, and between R/E infrastructures

- the ‘feasible’ assurance and alignment with IdPs and federations belongs in REFEDS RAF
- assurance requirements of, and exchange of assurance between, infrastructures: in IGTF

AUP and Terms of Use

- the home is WISE SCI, but it needs care and nourishment from EOSCHUB and GN4-3
- extends beyond just T5.4 and involves e.g. also eduTEAMS, CheckIn, B2ACCESS

Finding a home – some proposals

Data Protection and GDPR – service centric policy support

- we should lean heavily on AndrewC and the TF-DPR, but more is needed
- risk-assessment methodology for infrastructures and communities
- consultancy role for new communities to enable use of the infrastructures
- joint GN4-3 + EOSC-HUB + WLCG effort, homed (for lack of anything else) in AEGIS?

Risk Assessment and tuning the policy development kit

- the WISE RAW WG can coordinate, but the effort should come from somethere
- again GN4-3 + EOSC-HUB (EGI, EUDAT) seem the natural choice, with input from PRACE
- other sources have been very successful as well: HDF, GridPP

For the rest and new things needed, leverage GN-EOSCH collaboration agreement & AEGIS?

- **What AARC policy work have we forgotton?**
- **Which additional activities could help enable communities?**

Thank you

Any Questions?

davidg@nikhef.nl

https://aarc-project.eu

The work leading to these results has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 730941 (AARC2).