

Update from the WISE SCI-WG

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<https://wiki.geant.org/display/WISE/Virtual+WISE+meeting+21+April+2020>

<https://wise-community.org/events>

*In collaboration with and
co-supported by EU H2020 EOSC-HUB*

Shared threats & shared users



- Infrastructures are subject to many of the same threats
 - Shared technology, middleware, applications and users
- User communities use multiple e-Infrastructures
 - Often using same federated identity credentials
- Security incidents often spread by following the user
 - E.g. compromised credentials
- Some years ago:
 - Several e-Infrastructure security teams decided “we should collaborate”

Security for Collaborating Infrastructures (SCI-WG)



- A collaborative activity of information security officers from large-scale infrastructures
 - EGI, OSG, PRACE, EUDAT, CHAIN, WLCG, XSEDE, HBP, EOSC-hub, GEANT...
- Grew out of EGEE/WLCG JSPG and IGTF - from the ground up
 - Then taken forward by EGI, EOSC-hub, GN4, AARC and others
- We developed a *Trust framework*
 - Enable interoperation (security teams) and build Trust
 - Manage cross-infrastructure security risks and incidents
 - Develop policy standards
 - Especially where not able to share identical security policies

WISE SCI Trust Framework Version 2 was published in 2017 (by the SCI Working Group)



- SCI version 1 published in 2013
- Aims of version 2
 - Involve wider range of stakeholders
 - GEANT, NRENS, Identity federations, ...
 - Address any conflicts in version 1 for new stakeholders
 - Add new topics/areas if needed (and indeed remove topics)
 - Revise all wording of requirements
 - Simplify!
- SCI Version 2 was published on 31 May 2017
- <https://wise-community.org/sci/>

Security for Collaborating Infrastructures (SCI)



A Trust Framework for Security Collaboration among Infrastructures

SCI version 2.0, 31 May 2017

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Endorsement of SCI Version 2 at TNC17 (Linz)



- 1st June 2017
- *Infrastructures endorse the governing principles and approach of SCI, as produced by WISE, as a medium of building trust between infrastructures, to facilitate the exchange of security information in the event of a cross-infrastructure incident, and the collaboration of e-Infrastructures to support the process. These Infrastructures welcome the development of an information security community for the Infrastructures, and underline that the present activities by the research and e-Infrastructures should be continued and reinforced*
- Endorsements have been received from the following infrastructures; EGI, EUDAT, GEANT, GridPP, MYREN, PRACE, SURF, WLCG, XSEDE, HBP
- https://www.geant.org/News_and_Events/Pages/supporting-security-for-collaborating-infrastructures.aspx



Activities for SCI-WG during 2020 (from April 2020 WISE workshop)



1. Updated baseline policy templates for Research Communities
 - Build on AARC Policy Development Kit (PDK)
 - UK IRIS leading
2. Policies for Edge Services/SLATE
 - University of Chicago/SLATE/Trusted CI leading
3. Guidance for maturity assessment in relation to SCI version 2
 - GN4-3 EnCo and EOSC-hub leading

Longer-term question: Building on experience from SCI-WG, REFEDS Sirtfi Working Group, from AEGIS and the various policy teams including use of Sntctfi trust framework (Services behind an AARC BPA Proxy) all together

- do we need an SCI Version 3?

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Questions?



- And discussion