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WISE Information Security for collaborating e-Infrastructures

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As most are fully aware, cybersecurity attacks are an ever-growing problem as larger parts of our lives take place on-line. Distributed digital infrastructures are no exception and action must be taken to both reduce the security risk and to handle security incidents when they inevitably happen. These activities are carried out by the various e-Infrastructures and it has become very clear in recent years that collaboration with others both helps to improve the security and to work more efficiently.

The WISE community enhances best practice in information security for IT infrastructures for research. WISE fosters a collaborative community of security experts and builds trust between IT infrastructures, i.e. all the various types of distributed computing, data, and network infrastructures in use today for the benefit of research, including cyberinfrastructures, e-infrastructures and research infrastructures. Through membership of working groups and attendance at workshops these experts participate in the joint development of policy frameworks, guidelines, and templates.

With participants from e-Infrastructures such as EGI, EUDAT, GEANT, EOSC-hub, PRACE, XSEDE, WLCG, HBP, OSG, NRENs and more, the actual work of WISE is performed in focussed working groups, each tackling different aspects of collaborative security and trust. This year we have some new working groups which have recently started their work. While many of the working group activities are performed by conference calls and e-mail, experience has shown that we can also make very good progress by holding face to face WISE events. These events, which typically attract between 20 and 40 participants, are held at least twice a year.
This talk will present an overview of the active working groups together with details of published guidelines and recommendations. Activities currently include the trust framework called Security for Collaborating Infrastructures, recent work on a new baseline Acceptable Use Policy, other security policy templates, the sharing of threat intelligence and issues related to the security of high throughput data transfers.

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