

WISE Recommendations for wiser e-Infrastructures

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 (Wise Information Security for collaborating E-infrastructures [1]) community was born as the result of a workshop in late 2015, which was jointly organised by the GÉANT group SIG-ISM (Special Interest Group on Information Security Management) and SCI, the ‘Security for Collaboration among Infrastructures’ group of staff from several large-scale distributed computing infrastructures. All agreed at the workshop that collaboration and trust is the key to successful information security in the world of federated digital infrastructures for research.

WISE provides a trusted forum where security experts can share information on topics such as risk management, experiences about certification processes and threat intelligence. With participants from e-Infrastructures such as EGL, EUDAT, PRACE, XSEDE, NRENs and more, WISE focuses on standards, guidelines and practices, and promotes the protection of critical infrastructure. To date WISE has published two documents; a risk management template and a second version of the SCI framework, endorsed by multiple, large-scale e-Infrastructures.

We present an overview of the available WISE recommendations, and extend an invitation to participate in our working groups.

[1] <https://wise-community.org>

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