


**WISE Community**  
*Wise Information Security for Collaborating E-infrastructures*

**An Overview on  
Risk Assessment WISE- WG**

2016-07-18

1



**WISE Community**  
*Wise Information Security for Collaborating E-infrastructures*

**Introduction**

- Risk assessment is the overall process of risk identification, risk analysis and risk evaluation
- It is key in order to be in control of your security as part of the implementation of an Information Security Management System (ISMS)
- The implementation of effective security controls depends very much on a reliable risk assessment, so that the right measures can be taken

2

## WISE Community

*Wise Information Security for Collaborating E-infrastructures*

### Why

- Don't want to reinvent the wheel, but use what is already there
- Need for practical information for large e-Infrastructures and NRENs
- Enhance trust among e-infrastructures
- Collaboration with SIG ISM of GEANT
  - Open for external partners
  - Draft available of document describing risk mgmt

3

## WISE Community

*Wise Information Security for Collaborating E-infrastructures*

### Definitions

- Risk Assessment is the process where an organisation analyses the risks of its business processes, systems and services based on
  - Likelihood
  - Impact with respect to
    - Confidentiality, integrity, availability
- Management of risks is
  - Mitigation, acceptance, delegation (outsourcing)

4

## WISE Community

*Wise Information Security for Collaborating E-infrastructures*

### Activities

- Create risk registers for specific NREN and e-Infrastructures services
- Evaluation of tools for Risk Assessments
- Evaluation of standards for risk management
- Collection of metrics
  - So how are you doing. Which metrics to use (e.g. see NIST document 800-55)

5

## WISE Community

*Wise Information Security for Collaborating E-infrastructures*

### How do we work

- Emails are the means of communication of the working group
- will mainly meet via teleconferences, but if needed face-to-face meetings also will be considered and organised
- Membership and how to share information has to be defined
- You can subscribe to our mailing lists
- <https://wiki.geant.org/display/WISE/RAW-WG>
- **Chair: Jules Wolfrat – PRACE, SURFsara**  
**Vice-Chair: Urpo Kaila – CSC, EUDAT**

6