



**Science
Mesh**

Service Operations Security Policy

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Terminology

The Science Mesh glossary is available at: <https://doi.org/10.5281/zenodo.5038662>

For the purpose of this document, the following terms and definitions apply. The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

This document is based on the AARC policy development kit¹

¹ <https://aarc-project.eu/policies/policy-development-kit/>

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Introduction

This policy defines the requirements for running a Service within the Science Mesh. In particular, it deals with the security aspects of operations. It is part of the [Science Mesh Policy Framework Constitution](#)².

By participating in the Science Mesh with your Service, you agree to the requirements and conditions laid down in this document and other relevant documents, which may be subject to revision. These relevant documents are all listed and described in the Science Mesh Policy Framework Constitution².

Requirements and Conditions

- 1) You shall provide and maintain accurate contact information, including at least one Security Contact who shall support the incident response procedure³ on behalf of the service.
- 2) You are held responsible for the safe and secure operation of your service. Any information you provide regarding the suitability and properties of the service should be accurate and maintained. The service shall not be detrimental to the Science Mesh nor to any of its Participants.
- 3) You should follow IT security best practices including pro-actively applying updates or configuration changes related to security. You shall respond appropriately, and within the specified time period, on receipt of security notices from the Science Mesh or any of its Participants.
- 4) You shall document your processing of personal data in a Privacy Statement that is displayed to the User and shared with the Science Mesh.
 - a) You shall apply due diligence in maintaining the confidentiality of user credentials and of any data you hold where there is a reasonable expectation of privacy.
 - b) You shall collect and retain auditing information in compliance with policies and procedures mentioned², and must assist the Science Mesh in security incident response³.
 - c) You shall use logged information, including personal data, only for administrative, operational, accounting, monitoring and security purposes. You shall apply due diligence in maintaining the confidentiality of logged information.

² <https://doi.org/10.5281/zenodo.5040151>

³ <https://doi.org/10.5281/zenodo.6276063>