

## IAM4NFDI – The Community Experience

### Authors:

Marius Politze<sup>1\*</sup>, Marcel Nellesen<sup>2</sup>, Wolfgang Pempe<sup>3</sup>, and Thorsten Michels<sup>n</sup>

\*Marius Politze

<sup>1</sup>[politze@itc.rwth-aachen.de](mailto:politze@itc.rwth-aachen.de), RWTH Aachen University

<sup>2</sup>RWTH Aachen University

<sup>3</sup>DFN-Verein

<sup>n</sup>RPTU Kaiserslautern-Landau

### Abstract:

The basic service Identity and Access Management, IAM4NFDI, which is funded via Base4NFDI, aims to establish a sustainable, long-term technical and organizational framework for access to research data and the services required to manage it - in other words, it addresses the “Accessible” aspect of the FAIR principles. In addition, interoperability and connectivity to other infrastructures such as the European Open Science Cloud (EOSC) must be guaranteed. An Authentication and Authorization Infrastructure (AAI) serves as the basis for this. Via DFN-AAI and eduGAIN, this NFDI-AAI is connected to more than 5500 universities and research facilities worldwide. Central building blocks of this AAI are the so-called Community AAIs, which enable the research communities represented by the NFDI consortia to manage and control access to the resources relevant to them.

The IAM4NFDI project is currently right in the middle of the Integration Phase. It's a good time to talk about our experiences with community engagement. We will talk about our lessons learned regarding the promotion of the concept of Community AAIs and related topics among the consortia. Important factors in this regard so far have been the Community-AAI-as-a-Service offering and the so-called Incubators. Incubators are small integration and consulting projects – one cycle lasts 6 months – in which the IAM4NFDI project team supports communities in implementing AAI use cases. These use cases may, for example, involve connecting services to a Community AAI, deeper integration of complex services, the development of new (AAI-)features or implementing the NFDI-AAI policy framework. On this occasion, participants in the first incubator cycle will have the opportunity to report on their experiences so far.

**Keywords:** IAM4NFDI, Identity & Access Management, AAI, Community AAI, Incubator