Enabling Federated Access for HEP

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HEP has long been considered an exemplary field in Federated Computing; the benefit of this technology has been recognised by the thousands of researchers who have used the grid for nearly 15 years. Whilst the infrastructure is mature and highly successful, Federated Identity Management (FIM) is one area in which the HEP community should continue to evolve.

The ability for a researcher to use HEP resources with their existing account reflects the structure of a research team –team members continue to represent their own home organisation whilst collaborating. Through eduGAIN, the inter-federation service, an extensive suite of research services and a pool of international users have been unlocked within the scientific community. Establishing adequate trust between these federation participants, as well as the relevant technologies, is the key to enable the effective adoption of FIM.

What is the current landscape of FIM for HEP? How do we see this landscape in the future? How do we get there? We will be addressing these questions in the context of CERN and the WLCG.

Tertiary Keyword (Optional)

Network systems and solutions

Primary Keyword (Mandatory)

Collaborative tools

Secondary Keyword (Optional)

Security and policies

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