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## Swiss eScience Support Team (141-039)

Swiss eScience Support Team: a national eScience support platform for an Academic Research Infrastructure.

Cloud resources have become first choice computing infrastructures for researchers working on national and international projects in which resources are shared among various partners, because in such heterogeneous environments, cloud computing is an absolute necessity for running competitive research. The aim of this project is to establish a sustainable national eScience Support Team for enabling collaboration among IT organizations of scientific support and facilitating cloud adoption by Swiss researchers. The national eScience Support Team will tap into institutional expertise and resources, as well as national and international activities. It shall also act as a coordinative layer, enabling participating organizations to strategically align their resources while meeting current needs of researchers and offering various capabilities, with a strong emphasis on institutional interoperability of resources. The eScience Support Team enables cloud computing by providing infrastructures and know-how as a coordinated set of harmonized national services to the benefit of all research institutions. This will allow the support of local and inter-institutional projects of national and international scope, and will increase the quality of Swiss research by using synergy and economies of scale at the national level. The eScience team will prevent projects from having problems such as fragmentation or lack of critical mass to run, by providing ready-to-use technologies which support inter-institutional research. It shall also act as a know-how database providing future scientific initiatives with the state-of-the-art tools previously developed.