



VERCE Seismologie Platform

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The VERCE Seismology platform is a Science Gateway and infrastructure solution that supports seismology users to access private as well as compute and data resources of European e-infrastructures. We will present an overview of how this infrastructure is structured on top of the existing e-infrastructures and what the challenges and obstacles consist of. In addition to providing consistently well-behaving applications on different hardware and software environments, the project, for example, has to deal with different authentication and authorization methods, policies (security etc.), data transfers between administrative domains with different policies (e.g. from data centres to compute centres) and missing out-of-the-box support for complex workflows from the e-infrastructure providers. We will show which problems can already be solved today and which requirements for providers and code developers exist.