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Using EGI Resources with Everest Platform

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The report discusses integration of Everest platform with European Grid Infrastructure (EGI). Everest is a cloud platform supporting publication, execution and composition of computing applications in a distributed environment. The platform allows users to attach different types of external computing resources and use these resources in order to run applications published on Everest. The integration with EGI enabled Everest users to seamlessly run applications on grid resources via a web browser. In contrast to classic grid portals, the presented solution supports additional use cases such as combined use of EGI and other resources, composition of applications via REST API and running of parameter sweep experiments.

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