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## Running event-driven workflows with dCache storage events

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dCache is an open-source distributed storage system for scientific use cases, actively used by large-scale experiments, including within the WLCG community. In 2018, developers started to introduce the concept of storage events within dCache. We are going to present this concept and see how it can be used to trigger automated workflows, with the example of a proof-of-concept implemented at CC-IN2P3 to help with the LSST image simulation campaign. Finally, we will see how events can be used to transform the way we currently manage infrastructure and workloads when paired with function-as-a-service computing, a new way to deploy highly flexible, automated and smart services.

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