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## An Agile Service Deployment Framework and its Application

*Monday, 14 October 2013 15:00 (45 minutes)*

In this paper we shall introduce the service deployment framework based on Quattor and Microsoft HyperV at the RAL Tier 1. As an example, we will explain how the framework has been applied to CASTOR in our test infrastructure and outline our plans to roll it out into full production. CASTOR is a relatively complicated open source hierarchical storage management system in production use at RAL for both WLCG and large scale scientific facilities data.

Finally, we will examine different approaches of virtualizing CASTOR using HyperV and we will present an optimal approach along with the advantages and disadvantages of each approach.

### Summary

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