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The Agile Infrastructure project leverages emerging OpenStack Cloud Computing framework and Puppet configuration tools to provide Infrastructure as a Service in a sustainable and scalable way, but also ensuring sufficient resource flexibility and availability. In this solution, different services will be connected and scheduled over the IaaS layer using the same entry point. Moreover, a common approach to organizing the resources used by each different service will be deployed to be able to correlate usage tracking, auditing, authorization, etc... for various reasons such as security, accounting and isolation. This presentation will give an overview, the current status of the Openstack IaaS implementation and future plans along with how this fits into the CERN computing model

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