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Agile Infrastructure: an updated overview of IaaS at CERN

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The Agile Infrastructure project being developed at CERN is growing, scaling and adopted by more users every day. After several pre-production releases, the OpenStack private cloud has been refined and adapted to fit our requirements: scalability, resource flexibility and availability. The current version is close to a production state that will provide Infrastructure as a Service to the CERN and LHC communities, with the needed services for tracking, auditing, authorization, high availability,... ensuring the appropriate level of security, accounting and isolation. This presentation will give an overview of the current status of the project, what we have learned, and what the future plans are.

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