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Fabric Management (R)Evolution at CERN

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For over a decade CERN's fabric management system has been based on home-grown solutions. Those solutions are not dynamic enough for CERN to face its new challenges such as significantly scaling out, multi-site management and the Cloud Computing model, without any additional staff. This presentation will illustrate the motivations for CERN to move to a new tool-set in the context of the Agile Infrastructure project; it will explain the criteria that were applied both when selecting and when implementing the different components of this new infrastructure and the interactions between them, particularly focusing on services required for configuring servers. Finally, the current status of this ongoing migration will be exposed, together with lessons learned.

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