Contribution ID: **17**   Type: **not specified**

Formation of the Software Defined Data Center

Thursday, August 29, 2013 10:50 AM (40 minutes)

The It infrastructure of today's datacenters are getting more and more complex while at the same time the demand of ease of use is changing the whole industry. Petabyte scale datacenters don't allow traditional operations where administrators and technicians need to investigate failures for singe users or applications at scale. A change towards a policy driven architecture is required that considers outages right from the beginning in the architecture. Failures and outages need to be seen as normal behaviors rather than rare events. This view is one of the ideas of the Software Defined Datacenters where Business Managers and Architects define policies which comply with specific SLAs. The presentation will outline the need for SDDCs by presenting analogies to the real world which will help to understand the transformation even for non-technical IT personnel. It'll then give a very brief introduction to EMC's strategy in that area.

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Session Classification: Plenary talks

Track Classification: Cloud&Grid Technologies