Contribution ID: **134**   Type: **not specified**

Network architectures and converged networks fabrics for cloud computing

Thursday, 16 September 2010 11:00 (35 minutes)

When constructing cloud infrastructures and 'infrastructure as a service'
in the data centre, most effort is usually spent on host-based
virtualisation and on the provisioning of the virtual machine images.
Connectivity of the virtual machines between themselves and with the
world at large is usually done with traditional network setups, and
for the provisioning of the machine images a separate storage connect
fabric chosen.
New developments in converged data centre fabrics that bring together
both IP network connectivity as well as the storage fabric, and the
virtualisation of the network to allow for transparent migration of
virtual machines. New standards like TRILL help manage the cloud fabric
as a large flat and transparent network, but additional features can
also allow the migration of network properies of the VM, such as
QoS settings or VLAN membership.
In this talk these development are explained and put in the context
of developing standards and available solutions.

Project name if affiliated to a project

Brocade

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Session Classification: ECEE