

Data Centre Summit & Virtualisation Summit 2010 to be held in Hong Kong on 15-16 September 2010.

"Emerging Technologies and Interoperability; Challenges for a Coherent Cloud Based Business Policy "

Abstract

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'Data Centres are at the core of all transactional computing and have therefore existed since the dawn of the IT industry. As such they have evolved from 'Data Banks' through the modern Relational Database Model first described by Dr. Edgar Codd in 1969, to the vast data centre and storage systems of today.

In the past 40 years many things have changed, including the breakdown of single vendor suppliers of hardware, software and services into today's multi - vendor environment and the emergence of managed data centres accessed by the high speed Internet - The Cloud. A key challenge is how to build into the system interoperability, and for databases in particular, backwards compatibility and unified standards?

As such emerging technologies need to address these issues, a key component in the database stack is the adoption of open standards. This is critical in large enterprise or government projects, as the success of the deployment will rest upon inclusion of all levels of customers, citizens and enterprises that will utilise diverse devices, increasingly wireless for interaction. This paper will address some of these critical issues in the light of new technology'.

>100 words

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The emergence of managed data centres accessed by the high speed Internet has led to The Cloud. A key challenge is how to build into the system interoperability, and for databases in particular, backwards compatibility. This presentation will address the following critical issues in:

- Cloud Computing and Databases
- Interoperability with legacy systems
- Access issues including Wireless/mobile