

Preface

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Abstract

The advent of Cloud Computing changes the approach to datacentres networks in terms of throughput and resilience. The ability to scale, control, visualize and customize the cloud network is an important evolution to "data centre in the box" approach. Cloud computing is a compelling way for many businesses, small (private) and large (public) to take advantage of web based applications. One can deploy applications more rapidly across shared server and storage resource pools than is possible with conventional enterprise solutions. Deploying modern web applications across a cloud infrastructure enables a new level of agility that is very difficult to accomplish with traditional silo computing model. New Computing models for virtualization and cloud require a very scalable, resilient and open network infrastructure, different from legacy networking.

Keywords : Cloud Computing, cloud network, businesses, web based applications.

Abstrak

Terciptanya Komputasi Awan mengubah pendekatan para jaringan datacenter dalam hal keluaran dan fleksibilitas. Kemampuan untuk menyesuaikan, mengatur, membayangkan dan mengkustomisasi “jaringan awan” adalah sebuah evolusi penting pada pendekatan “ data center terintegrasi”. Komputasi awan adalah sebuah jalur keharusan pada sebagian besar bisnis-bisnis, baik itu bisnis kecil (pribadi) dan besar (publik) untuk menikmati keuntungan dari aplikasi-aplikasi berbasis web. Yang dapat menjalankan aplikasi-aplikasi dengan lebih cepat melintasi shared server dan sumber daya media penyimpanan daripada yang dapat dilakukan oleh solusi perusahaan konvensional. Menjalankan aplikasi-aplikasi berbasis web modern melintasi sebuah infrastruktur awan memungkinkan sebuah fleksibilitas baru yang hampir tidak mungkin dicapai dengan model komputasi silo tradisional. Model komputasi baru untuk virtualisasi dan “komputasi awan” membutuhkan infrastruktur jaringan terbuka yang berskalabilitas tinggi dan fleksibel berbeda dari jaringan terdahulu.

Kata kunci : “Komputasi Awan”, “Jaringan Awan”, bisnis-bisnis, aplikasi-aplikasi berbasis web.

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