

Design of Cloud Service Brokerage System Intermediating Integrated Services in Multiple Cloud Environment

Authors : Dongjae Kang, Sokho Son, Jinmee Kim

Abstract : Cloud service brokering is a new service paradigm that provides interoperability and portability of application across multiple Cloud providers. In this paper, we designed cloud service brokerage system, any broker, supporting integrated service provisioning and SLA based service life cycle management. For the system design, we introduce the system concept and whole architecture, details of main components and use cases of primary operations in the system. These features ease the Cloud service provider and customer's concern and support new Cloud service open market to increase cloud service profit and prompt Cloud service echo system in cloud computing related area.

Keywords : cloud service brokerage, multiple Clouds, Integrated service provisioning, SLA, network service

Conference Title : ICETCIT 2014 : International Conference on Emerging Trends in Computer and Information Technology

Conference Location : Sydney, Australia

Conference Dates : December 15-16, 2014