

【ABSTRACT】

The present invention provides a cloud platform system comprising, a cloud integration unit which automatically configures an infrastructure of a multi/hybrid cloud to provide the configured infrastructure to an application and synchronize
5 configuration information for management, a service management unit which serves to assign and manage a cloud account and a user network resource to a logical group of managing an application cluster, an application orchestration unit which deploys the application based on a container image, automatically provides an infrastructure of the cloud when the application is deployed, replicates the application, wherein the
10 replicated application is serviced through load balancing, performs an update job such as deployment and infrastructure change without stopping the application service, performs a rolling update configuring automation when there are dependencies between multiple applications, in/out scaling of an instance through the monitoring of the application and up/down scaling of a resource capacity in the case
15 of the application infrastructure, and configures scaling automation through monitoring information, and a development/operation unit (DevOps View) for service status, cluster map, monitoring, resource management, metering, job management, and enterprise status management/analysis functions. In the cloud platform system according to the present invention, it is possible to ensure the
20 availability and extendibility of application services, enable multi/hybrid cloud integration management, and construct, operate, and manage an enterprise cloud enabling efficient development and operation.