

the Internet <URL: <http://aws.amazon.com/ec2/>>

DISCLOSURE OF THE INVENTION

PROBLEMS TO BE SOLVED BY THE INVENTION

5 As the above-described various public clouds are present and methods of using the public clouds by users are various, the users have to use the usage methods or charge systems corresponding to unique public clouds. In other words, there are problems (room for improvement) about readiness (convenience), cost performance,
10 etc. in utilization of the public clouds.

 For example, when a user tries to achieve program processing such as desired application processing or batch processing using a certain public cloud, the user is charged based on a usage contract (charge system) in the unit of the number of virtual
15 servers of the public cloud. However, for example, even when processing is executed by batch processing only on a predetermined limited date and time, a price is charged in the unit of the number of the virtual servers rented based on the usage contract; therefore, the user may feel that cost performance is not good.

20 In view of the foregoing, it is a main aim of the present invention to achieve readiness (convenience), cost performance, etc. about utilization of public clouds for users by providing systems and technique of a novel model related to utilization of the public clouds.

25 MEANS FOR SOLVING THE PROBLEMS

 To achieve the above-described aim, a typical aspect of the present invention is an information processing system (cloud-shared resource providing system), etc. for users to effectively use cloud computing systems such as public clouds (and
30 service processing of them, etc.) and a feature is having configurations described below.

According to one aspect, there is provided a cloud-shared resource providing system wherein a plurality of user terminals, a resource provider, and a plurality of public clouds are communicably connected via a network; in each of the plurality of public clouds, a shared-use server managed by the resource provider is installed; the resource provider has a control unit and a storage unit, and a monitor system; the control unit has a registration unit and an execution control unit; the storage unit stores data of a program of the user together with management information; the registration unit carries out processing of storing the data of the program of the user in the storage unit together with the management information based on an instruction from the user; the registration unit carries out setting of, based on an instruction from the user, information including the public cloud and the shared-use server to be targets for operating the program of the use, a charge system, and timing of operating batch processing in the case the program of the user is a program for batch processing; the execution control unit carries out control processing so that the program of the user of the storage unit is executed by the target shared-use server of the target public cloud based on an instruction and the setting from the user; based on the control from the execution control unit, processing of the program of the user is caused to operate on the target shared-use server of the target public cloud; the monitor system performs monitoring of the state of operation of the processing of the program of the user in the target shared-use server of the target public cloud and carries out charge calculation processing with respect to the user based on information of the monitoring and the setting; and the charge system can be selected as a pay-as-you-go charge system corresponding to an operating time or a processing volume of the processing of the program of the user in the target shared-use server of the target public cloud.

Also disclosed is~~In a system of a present aspect,~~ a plurality of user terminals, a resource provider, and a plurality of public clouds are configured