understanding of the fact that there is room for improvement in optimization. Thus, although it is desired to change design of a system, in related art, design change of a system requires a lot of time and effort and is therefore not easy.

[0007] In view of such circumstances, an object of the present invention is to facilitate design change of a system that provides a plurality of types of services.

Means for Solving the Problem

[0008] To achieve the above-described object, a resource management device according to a first aspect of the present invention includes a determination unit configured to determine whether or not to change design of a system that provides a service based on external information, a selection unit configured to, in a case where it is determined to change the design of the system, select a plurality of resources capable of exchanging data in accordance with a data model which clearly specifies relation among resources arranged in respective layers of a multi-layer, a design unit configured to generate a blueprint for changing the design of the system using the selected resources, and an orchestrator unit configured to execute orchestration for the system for which the design has been changed in accordance with the generated blueprint.

[0008a] A resource management method of a resource management device according to a second aspect of the present invention includes a step of determining whether

or not to change design of a system that provides a service based on external information; a step of, in a case where it is determined to change the design of the system, selecting a plurality of resources capable of exchanging data in accordance with a data model which specifies a relation among resources arranged in respective layers of a multi-layer; a step of generating a blueprint for changing the design of the system using the selected resources; and a step of executing orchestration for the system for which the design has been changed in accordance with the generated blueprint.

Advantageous Effects of the Invention