

ABSTRACT OF THE DISCLOSURE

A system and method for a container service that obtains a software image of
5 a software container that has been configured to be executed within a computer system
instance registered to a cluster by one or more processors. The container service is
configured to receive a request to launch the software image in accordance with a task
definition, wherein the task definition specifies an allocation of resources for the software
container. The container service may then determine, according to a placement scheme, a
10 subset of a set of container instances registered to the cluster in which to launch the
software image in accordance with the task definition. Upon determining the subset of the
set of container instances, the container service may launch the software image as one or
more running software containers in the set of container instances in accordance with the
task definition.

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[Fig.1]