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(54) **METHOD TO MIGRATE WORKLOAD BETWEEN TWO ENVIRONMENTS AND A SYSTEM THEREOF**

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(57) **ABSTRACT**

A method to migrate workload between a single node environment and a multi-node environment over a Transport Layer Security (TLS) network, the method comprises running an application on a first machine in a first environment, wherein the first environment is any one of the environments. The method further comprises generating a first file for the application running on the first machine and storing the first file and the workload created from the first file in the first machine. The method further comprises accessing a second machine that runs a container cluster in a second environment, wherein the second environment is different from the first environment. The method further comprises reading a second file from the container cluster and storing the second file in the first machine. The method further comprises connecting the first machine to the container cluster of the second machine using access information stored in the second file.

First machine running in one environment

Server connecting the first machine and the second machine over the TLS network

Second machine working in another environment