

## عنوان مقاله:

Improvement of Resource Allocation in Federal Cloud Services Using Continuous Double Auction Model

## محل انتشار:

چهارمین کنفرانس بین المللی وب پژوهی (سال: 1397)

تعداد صفحات اصل مقاله: 8

## نویسندگان:

Mohaddeseh Hosseinpour - Master Student of Software Engineering, University of Science and Culture, Tehran, Iran

Alireza Yari - Faculty Member, Institute of Communications and Information Technology, Tehran, Iran

## خلاصه مقاله:

In recent years, various methods have been presented for allocating resources in the cloud. One of these methods is the allocation of market-based resources, in which different market models used to exchange goods and services are used to allocate resources. In this thesis, the issue of selecting a suitable model for allocation of suppliers resources is based on one of the market models under the title of the continuous double auction model when providers with source shortages are faced and a model based on the best bidirectional auction model Continuously in the cloud to create a federal environment in order to optimize the supply of resources to one another. The results of the experiment show that the proposed model for implementing federal clouds based on the most suitable continuous double auction model in this thesis in terms of successful allocations, resource efficiency and provider income will be more optimal than other selected models of this thesis for providers in the single cloud.

## کلمات کلیدی:

Continuous double auction, Federal cloud, Resource allocation

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/773328>

