

## عنوان مقاله:

Effective Proposal for using Cloud Computing in Educational Environments in Iran

## محل انتشار:

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## خلاصه مقاله:

Today using information technology in educational environments is important than ever. One of the main aspects of this area in Iran is Tablets for Students Plan which is developed by the ministry of education. This plan was founded in March 2012 and now is preparing for implementation. This plan is in line with the world plan: OLPC (one laptop per child) which has started since 2008 with the support of the World Bank. It is known that the use of the tablet for educational environments has some problems: low processing power, low storage, the price of the software license per system, updating, troubleshooting and maintenances. In this paper, in order to overcome these problems and obtain the benefits of cloud technology, cloud computing model in educational environments has been proposed. This model is evaluated in a real environment with virtualization tools for some popular software. The impact of this model on expenses, run time, energy consumption and performance has been shown.

## کلمات کلیدی:

Cloud Computing, Educational Environments, Energy Efficiency, Green Computing

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/308920>

