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Integer multiplication ranking method for cloud services selection

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Abstract

Several popular cloud service providers such as Microsoft, Amazon, Google and others are competing to provide fast, reliable and efficient cloud services to the customers. Cloud computing has changed the cyber world by offering infrastructure and application services with rental charges. The decision making problem arises when selection has to be done amongst a wide range of available cloud service providers. Analytical Hierarchy Process (AHP) is a decision making method for selection amongst different options with multiple criteria. Different types of ranking methods are used in AHP which have great influence on the priorities assigned to these options. In this work, we propose an efficient and simplified