



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_12641
Title of the Manuscript:	Performance evaluation of two stage scheduling algorithm in cloud computing
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Resource allocation and task scheduling are important issues for cloud computing. This paper presents the two-stage scheduling algorithm for task scheduling in Cloud computing and gives simulation results of performance by comparing this algorithm with FCFS algorithm. It sounds meaningful and interesting. But this paper has following problems. (1) It doesn't prove the effectiveness of the algorithm. There is no any explanation why dividing tasks (requests) into P (P is number of instance) groups based on Johnson's arrangement can reduce average waiting time and total elapsed time. (2) It is limitation for considering only two VM for resource provision in cloud computing and there is no practical meaning for application. (3) The simulation data size (only 8 tasks) is too small to draw valid conclusion. Also the simulating environment should be introduced. (4) There are some detailed miswriting in this paper. For examples, Line 172: "for i=1 to p do" should be "for i=1 to n do"; Line 196: "AWT=$\sum_{i=1}^n s_i((c_i - t_{i2}) - (s_i + t_{i1}))/n$" Should be	Heartfelt thanks for in depth review comments Initially this paper considered for two virtual machine types only. Later we want to extend for n VM Types. Updated all miswriting values in formula and tables.



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$$\text{"AWT} = \sum_{i=1}^n ((c_i - t_{i2}) - (s_i + t_{i1}))/n";$$

In Table 4: <8, Turn Around time of $r_i > 324$ should be 333

Table 5:

266	324	295
153	206	179.5
52	98	75

should be

242	324	283
159	208	183
73	99	86

Table 7: <8, Turn Around time of $r_i > 266$ should be 275

Table 8:

	266	254
	153	153

hould be

	275	258
	155	154



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		