

Review Form 1.7

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_118583
Title of the Manuscript:	DEVELOPMENT OF AN ENHANCED MODEL FOR INTRUSION DETECTION IN A CLOUD COMPUTING ENVIRONMENT
Type of the Article	

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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)
<p><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, Cloud Computing is highly dynamic with enormous resource scaling. Ensuring robust security for cloud infrastructure and services is quite a big challenge. It is essential to develop an intrusion detection model for cloud environment to address the challenges such as the increased attack surface due to internet accessibility, data protection, incident response, shared model approach etc.</p> <p>Instead of having the title like Development of an Enhanced Model for Intrusion Detection In a Cloud Computing Environment</p> <p>It can be like, An Enhanced Model for Intrusion Detection In a Cloud Computing Environment</p> <p>Yes. It would be better to write about performance evaluation of the proposed model with performance metrics. Keywords should be changed. Involve the main key terms as the keywords.</p> <p>In the Introduction part, sub sections can be introduced to discuss the required necessities of the research work.</p> <p>Yes, But major revision has to done</p> <p>References should be changed, need to add recent references starting from 2024. Kindly remove all the very old references. Since the field has made tremendous innovations, many research works have been published till date, Kindly go through and do the changes accordingly</p> <p>Entire related works should be changed, authors should go through the research works published till date and write the related work accordingly, Many new ideas have been proposed by the researches in the recent years. So authors should change the related work. Write 10 to 15 related works.</p> <p>3. Research Methodology: The paragraph given under this heading is totally irrelevant to the work proposed. In which portion of the work, the concept mentioned in this paragraph is utilized?. In abstract also, authors have mentioned about Object-Oriented Analysis and Design. Either remove or justify the purpose of using Object-Oriented Analysis and Design in the research work.</p> <p>Remove the sub heading 3.1.2</p> <p>Detailed explanation is expected for the sub heading 3.2</p> <p>Explain the full workflow of the Figure 2</p> <p>Remove the heading 4 Implementation followed by 4.1 Hardware requirements and its contents, 4.2 Software Requirements and its contents and 4.3 System Testing and its</p>	

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	contents Change heading 5 as 4 for Results and Discussion Give explanation about the dataset used in this research work, frontend and backend details. Algorithm wise performance metrics should be discussed during training and testing phase. Explain how do the proposed algorithms work? Give detailed explanation for the Table 1, 2 and 3 and justify the performance of the enhanced model. Justify in which way the cloud computing is involved and how intrusion is detected using your enhanced model. Show the comparison chart between the proposed and existing research works. Involve recent research works for comparative analysis Conclusion should be reframed with respect to the research work.	
Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Overall the idea of the research work is acceptable but the way the work gets implemented is very poor, try to justify the work with respect to the chosen title and the algorithms used.	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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