

**Review Form 1.7**

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_116668</b>
Title of the Manuscript:	<b>INVESTIGATING THE EFFECTS OF VARYING NETWORK DEVICES AND PARAMETERS ON THE PERFORMANCE OF A LOCAL AREA NETWORK USING RIVERBED MODELER</b>
Type of the Article	<b>Short Research Article</b>

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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><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have</b></li> <li><b>suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p><b>Yes, the manuscript is important for the scientific community as it provides valuable insights into optimizing LAN performance through careful selection and distribution of network services, as well as the impact of varying network parameters and devices on overall performance.</b></p> <p><b>Yes, the title "Investigating the Effects of Varying Network Devices and Parameters on the Performance of a Local Area Network Using Riverbed Modeller" effectively conveys the focus and scope of the article, making it suitable for the content presented.</b></p> <p><b>Yes, the abstract of the article provides a comprehensive overview of the study's objectives, methodology, and key findings. It effectively summarizes the purpose of the research, the use of Riverbed modelling software for simulation, and the main conclusion regarding optimizing LAN performance.</b></p> <p><b>Yes, the manuscript's subsections and structure appear appropriate. It begins with an introduction, followed by related works, method, simulation results and discussion, conclusion, and references. This structure allows for a clear and organized presentation of the research process, findings, and conclusions.</b></p> <p><b>Based on the information provided in the article, the manuscript appears to be scientifically correct. It employs simulation software to investigate the effects of varying network parameters and devices on LAN performance, and the findings are supported by the simulation results presented.</b></p> <p><b>The references provided in the manuscript appear to cover a range of relevant topics related to network performance analysis and simulation.</b></p> <p><b>The references cited in the manuscript demonstrate a solid foundation in the field of network performance analysis and optimization. They cover various aspects such as routing protocols, deep reinforcement learning, and software-defined networking (SDN) and network function virtualization (NFV). This breadth of references strengthens the credibility of the research and provides readers with further avenues for exploration in LAN performance improvement.</b></p>	
<p><b><u>Minor</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Based on the excerpt provided, the language and English quality of the article appear suitable for scholarly communications. The writing is clear, concise, and effectively communicates the research objectives, methodology, results, and conclusions.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>The article demonstrates a thorough exploration of LAN performance optimization through simulation and analysis. The clear organization and concise presentation make it accessible to readers interested in network design and performance. Additionally, the use of Riverbed modelling software adds credibility to the study's findings. Overall, the manuscript contributes valuable insights to the field of network engineering and optimization.</p>	

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**PART 2:**

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

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