

ReviewForm 1.7

JournalName:	JournalofEngineeringResearchandReports
ManuscriptNumber:	Ms_JERR_116668
TitleoftheManuscript:	INVESTIGATING THE EFFECTS OFVARYING NETWORK DEVICES AND PARAMETERS ON THE PERFORMANCE OFA LOCALAREA NETWORK USING RIVERBED MODELER
TypeoftheArticle	ShortResearchArticle

PART 1:ReviewComments

	Reviewer'scomment	Author'scomment <i>(ifagreedwithreviewer,correct the manuscript andhighlightthatpart inthe manuscript.Itismandatorythatauthorsshouldwrite his/herfeedbackhere)</i>
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<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write a 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 a 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, the manuscript is important for the scientific community as it addresses a fundamental aspect of network design and optimization, specifically focusing on local area networks (LANs). By utilizing Riverbed modeling software, the study offers insights into how varying network devices and parameters impact LAN performance.</p> <p>The title "Investigating the Effects of Varying Network Devices and Parameters on the Performance of a Local Area Network Using Riverbed Modeler" effectively captures the essence of the manuscript. However, for clarity and conciseness, a slightly modified title could be:</p> <p>"Optimizing Local Area Network Performance: Insights from Riverbed Modelling"</p> <p>The abstract provides a concise overview of the study's objectives, methodology, key findings, and implications. It effectively summarizes the importance of network design and optimization, highlights the use of Riverbed modeling software, outlines the simulated scenarios, and presents the main results regarding network performance. Overall, the abstract is comprehensive in conveying the essence of the article.</p> <p>Yes, the manuscript's subsections and overall structure are appropriate. The introduction sets the context and importance of the study, related works provide relevant background research, the method section outlines the approach taken, simulation results are represented and discussed in detail, and the conclusion summarizes the key findings and implications. This organization facilitates clear understanding and navigation through the content.</p> <p>Based on the information provided, the manuscript appears scientifically sound. It utilizes Riverbed modeling software, a commonly used tool in network simulation and analysis. It employs appropriate methodologies to investigate the effects of varying network devices and parameters on LAN performance.</p> <p>The references provided cover various relevant topics related to network simulation and performance analysis, including studies utilizing Riverbed modeling software and similar tools. However, it's important to ensure that the references are up-to-date and encompass a broad spectrum of research in the field. While the references provided seem sufficient for supporting the manuscript's content, adding some recent publications (within the last 2-3 years) could further enhance the comprehensiveness of the reference list. Additionally, including references from a diverse range of sources such as journal articles, conference papers, and textbooks would provide a more well-rounded bibliography.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the article appears suitable for scholarly communication. The manuscript is well-written and effectively conveys complex technical information in a clear and understandable manner.</p>	

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Optional/General comments	The manuscript demonstrates scholarly rigor and contributes valuable insights to the field of network design and optimization. With some minor adjustments, it has the potential to make a significant contribution to scholarly discourse in this area.	

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>	

Reviewer Details:

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