



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_43260
Title of the Manuscript:	Traffic Modeling Using Raw Packet Generator on Corporate Computer Network
Type of the Article	Original Research 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	<p>1. Why 50 and 100 work stations are chosen in the study? Any valid reason such as to represent heavy or moderate traffic.</p> <p>2. What is the definition of corporate network?</p> <p>3. Author did not explain on why the values of $H = 0.7$ and $D = 1.3$ are used for comparison. No detailed explanation.</p> <p>4. The flow of the paper is quite confusing. Why do the simulation using OPNET is required, since the mathematical model have been derived?</p> <p>5. How do you validate the results obtained from simulation?</p> <p>6. "Hurst index is estimated and all these methods have it accuracy and errors. The Hurst index estimated are summarized in Tables 1 and 3 for 50 and 100 work stations" It is not clear on how the Hurst index is being calculated and estimated.</p> <p>7. Include comparison of results between simulation and mathematical for H and D.</p>	<p>Has been answered in line 57</p> <p>Has been answered in line 20 – 21</p> <p>Has been answered in line 20 - 21</p> <p>The mathematical model is used to generate RPG traffic with $H = 0.7$ in the OPNET environment while the traffic generate is simulated using OPNET</p> <p>The results is validated by comparing the average values of the H obtained from H -0.7</p> <p>Has been answered in line 170 -171</p> <p>Question 4 has answered this question</p>
Minor REVISION comments	<p>1. Figure 2 is not clear. Please include a table showing the simulation parameters.</p> <p>2. Author is suggested to include the latest paper which is from 2017 and 2018 as reference.</p>	<p>Table included</p> <p>Included in line 49 - 51</p>
Optional/General comments		