



REVIEWER'S REPORT

Manuscript No.: IJAR-56044

Title: *Intégration de SDN pour l'Optimisation des Performances dans l'Informatique Mobile Edge IoT*

Recommendation:

- Accept as it is
- Accept after minor revision.....
- Accept after major revision**
- Do not accept (*Reasons below*).....

Rating	Excel.	Good	Fair	Poor
Originality		-		
Techn. Quality		-		
Clarity		-		
Significance		-		

Reviewer Name: Dr Gulnawaz

Detailed Reviewer's Report

The manuscript entitled “*Intégration de SDN pour l'Optimisation des Performances dans l'Informatique Mobile Edge IoT*” addresses a highly relevant and contemporary topic, namely the integration of Software-Defined Networking (SDN) with Edge Computing and the Internet of Things (IoT), while also extending the discussion toward future 6G networks. The subject is timely and significant, especially considering the growing demand for low-latency, scalable, and intelligent network infrastructures in IoT-driven environments. The paper demonstrates the authors’ effort to provide a broad and structured overview of SDN principles, Edge Computing architecture, IoT integration, and their potential applications in domains such as healthcare, environmental management, and smart transportation.

However, the manuscript currently reads more like a descriptive survey or extended technical essay rather than a rigorous scientific research article. The methodology section is particularly weak and does not reflect a clear scientific research design. The authors mention using a “descriptive methodology,” but there is no structured research framework, no defined research questions or hypotheses, no analytical model, and no experimental validation. Although the abstract claims that “experiments have shown” improved resource utilization and performance, no experimental setup, dataset, simulation environment, metrics, or comparative analysis is actually presented in the manuscript. This inconsistency raises concerns about scientific validity and transparency.

Structurally, the manuscript is excessively long and contains significant repetition, especially in the definitions of SDN, Edge Computing, and IoT. Many sections reiterate similar concepts without adding analytical depth. Some paragraphs lack coherence and appear to be compiled from multiple sources without sufficient synthesis. Additionally, the writing contains grammatical inconsistencies, formatting

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

errors, numbering issues, typographical mistakes, and irregular citation formatting. The references are partly incomplete and not consistently aligned with academic citation standards. Web references are cited informally, and some in-text citations do not follow a uniform referencing style.

The discussion on 6G, PESTEL analysis, and sectoral applications (medicine, waste management, smart cities) is interesting but remains largely conceptual and speculative. These sections would benefit from more critical analysis, clearer linkage to the core theme (SDN-enabled MEC for IoT), and stronger academic grounding. The manuscript would also benefit from figures, tables, or diagrams to illustrate architectures and proposed models, as well as a comparative analysis with existing frameworks.

In its current form, the paper lacks originality in terms of a clearly defined contribution. It does not propose a novel architecture, algorithm, framework, or validated optimization model. Instead, it compiles and explains existing concepts. To meet publication standards for a scientific journal, the manuscript would require substantial revision, including:

1. A clearly defined research problem and objectives.
2. A structured and rigorous methodology.
3. Experimental validation or simulation results with measurable performance metrics.
4. A concise and focused discussion aligned strictly with the main contribution.
5. Thorough language editing and formatting corrections.
6. Standardized and complete referencing according to journal guidelines.