

Journal Name:	Asian Journal of Mathematics and Computer Research
Manuscript Number:	Ms_AJOMCOR_12713
Title of the Manuscript:	Leveraging Advanced Cloud Computing Paradigms to Revolutionize Enterprise Application Infrastructure
Type of the Article	

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript holds significant importance for both the scientific and business sectors, as it investigates sophisticated cloud computing models that tackle issues of scalability, cost-effectiveness, and flexibility. By presenting real-world applications and associated challenges, it provides valuable insights into the transformative potential of technologies such as serverless computing, containerization, and edge computing within enterprise IT frameworks. The incorporation of benchmarking data and case studies further enhances its utility for researchers and professionals aiming to implement or improve cloud-based solutions.	
Is the title of the article suitable? (If not please suggest an alternative title)	The current title, " Leveraging Advanced Cloud Computing Paradigms to Revolutionize Enterprise Application Infrastructure, " is appropriate as it clearly conveys the manuscript's focus. However, a slightly revised title could be: " Transforming Enterprise IT with Advanced Cloud Paradigms: A Practical and Strategic Perspective. "	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is thorough and emphasizes the essential technologies along with their advantages, bolstered by practical applications. Nevertheless, it could be enhanced by including a brief overview of the benchmarking methodology and quantifiable results (such as percentage increases in scalability or cost efficiency) to provide greater specificity.	

Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically robust, with well-supported claims and references to credible sources. The detailed discussion of technologies such as Kubernetes, Docker, and edge computing reflects accurate and up-to-date knowledge. The inclusion of case studies strengthens its practical application.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient, recent, and relevant, citing credible journals and industry sources. Additional references from newer studies (2023–2024) on AI-powered cloud automation and sustainability-focused infrastructure might provide further depth.	
Is the language/English quality of the article suitable for scholarly communications?	The language is suitable for scholarly communication, with clear, concise, and professional articulation. Minor grammatical refinements could enhance readability.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <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>
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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