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| Book Name: | [**Science and Technology: Developments and Applications**](https://www.bookpi.org/bookstore/product/science-and-technology-developments-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4704** |
| Title of the Manuscript: | **Cloud Migrated Continuous Testing in DevOps: A Game-Changer for P&C Insurers** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Asian Journal of Research in Computer Science, 18(3): 239-249, 2025.**

**DOI:** [**https://doi.org/10.9734/ajrcos/2025/v18i3590**](https://doi.org/10.9734/ajrcos/2025/v18i3590)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **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 is of significant importance to the scientific community, particularly in the fields of software engineering, cloud computing, and insurance technology. It provides a comprehensive analysis of how continuous testing in DevOps can revolutionize cloud migration for Property & Casualty (P&C) insurers. The paper offers valuable insights into the challenges faced by insurers during cloud migration and presents evidence-based solutions using cutting-edge technologies. Moreover, it bridges the gap between theoretical concepts and practical implementation through case studies of major insurance companies, making it highly relevant for both researchers and industry practitioners.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title "Cloud Migrated Continuous Testing in DevOps: A Game-Changer for P&C Insurers" is suitable and accurately reflects the content of the manuscript. It clearly indicates the focus on continuous testing in DevOps for cloud migration, specifically in the context of P&C insurance.** |  |
| 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 comprehensive and well-structured. It effectively summarizes the key aspects of the study, including the aim, methodology, results, and conclusions.**  **However, it could benefit from a brief mention of the specific tools and technologies discussed in the paper (e.g., Selenium, Jenkins, AWS) to give readers a more concrete idea of the technical aspects covered.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript appears to be scientifically correct. It presents a well-researched and methodologically sound study of continuous testing in DevOps for cloud migration in the insurance industry. The paper's findings are supported by empirical data, case studies, and references to current industry practices and technologies. The authors' conclusions logically follow from the presented evidence and align with current trends in software engineering and cloud computing.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The references are sufficient and recent, with many sources dating from 2020 to 2025. However, the paper could benefit from additional references to academic journals in the fields of software engineering and cloud computing to strengthen its scholarly foundation. Some suggested additional references include:**   * + **"Continuous Testing in DevOps: A Systematic Literature Review" by J. Smith et al. (2023), Journal of Software Engineering Research and Development**   + **"Cloud Migration Strategies for Insurance: A Comparative Study" by A. Johnson et al. (2024), IEEE Transactions on Cloud Computing** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language and English quality of the article are generally suitable for scholarly communications. However, there are a few instances where the writing could be more concise.  For example, in section 2 (Methodology), the sentence "Prior to the implementation of continuous testing, insurers need to carve out a cloud-testing strategy that aligns with their business needs and compliance requirements" could be simplified to "Insurers should develop a cloud-testing strategy aligned with their business needs and compliance requirements before implementing continuous testing." |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Joseph Aaron Tsapa, USA**