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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 offers significant contributions to the scientific community by emphasizing the critical role of continuous testing in the cloud migration of property and casualty insurers, an increasingly relevant topic as industries undergo digital transformation. By providing a detailed comparison of top tools and frameworks across key testing categories, it equips professionals with valuable insights for selecting the optimal technology stack and optimizing testing workflows. The integration of scalability, security, and AI-driven testing methodologies further enriches the conversation around advanced testing practices, particularly in regulated industries. Through case studies from prominent insurers, the manuscript not only showcases real-world applications but also offers empirical evidence that can guide other organizations in their cloud migration efforts, establishing it as an essential resource for both researchers and industry experts. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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 provides a solid foundation by outlining the importance of continuous testing in cloud migration for property and casualty insurers, covering critical aspects like tool comparisons, scalability, security, and performance. To enhance clarity, it would be beneficial to emphasize the relevance of this topic to the ongoing digital transformation in the insurance sector. Additionally, highlighting the role of AI-driven testing and automation, which are pivotal to modern testing practices, would add further depth. It could also be useful to mention the specific target audience, such as IT professionals or DevOps teams, to increase the focus on practical application. These adjustments would strengthen the abstract's appeal and clarity. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is scientifically correct and effectively addresses the application of continuous testing in cloud migration within the context of property and casualty insurance. It accurately references established tools, technologies, and best practices used in continuous integration and testing frameworks, such as Jenkins, Selenium, Postman, and AI-driven testing tools like Applitools. Additionally, the discussion on security testing, scalability, and regulatory compliance is well-grounded in current industry standards. The integration of cloud infrastructure and testing platforms, alongside performance and security monitoring, aligns with current technological advancements. Overall, the manuscript maintains scientific integrity and presents a robust understanding of the subject matter. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, the language and English quality of the article are suitable for scholarly communication. The manuscript uses formal, precise, and technical language that aligns well with academic and industry standards. The terminology is appropriate for the subject matter, and the sentence structure is clear and coherent, making complex concepts accessible to the intended audience. The content is well-organized, and the flow of ideas supports a logical progression of the topic. Minor refinements in phrasing could enhance readability, but overall, the manuscript is appropriately crafted for scholarly purposes. |  |
| 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:**

**Chandra Shekhar Pareek, USA**