IMPLEMENTATION JENKINS AUTOMATION DEPLOYMENT WITH SCHEDULER AND NOTIFICATION

ABSTRACT

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Keywords Jenkins, Kubernetes, Terraform, DevOps, Docker · Container

Plan

Main references are [1] and [2].

You need to reproduce the results from [2] as a first step and improve there onwards.

1. Timelines:

    (a) Installation: 22nd July
    (b) Till optimization task: 29th July

2. Finalization of technology framework and version

3. Installation

4. Finalize the operations you want to test

5. Architecture

    (a) Total project architecture
    (b) Resp. technology detail architecture related to the present project

6. Performance metrics and results

7. Optimization techniques to respective technology

8. Recommendations

9. Conclusions

1 Introduction

1.1 Jenkins Vs. Competitive Tools

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2   Architecture

3   Performance Results

4   Conclusion

Acknowledgement 4.1

References

[1] Mohamed Labouardy. *Pipeline as Code: Continuous Delivery with Jenkins, Kubernetes, and Terraform*. Manning, 2021.

[2] Putu Adi Guna Permana, Evi Triandini, and Ni Luh Gede Pivin Suwirmayanti. Implementation jenkins automation deployment with scheduler and notification. In *2021 3rd International Conference on Cybernetics and Intelligent System (ICORIS)*, pages 1–5. IEEE, 2021.