ABSTRACT

IT GOVERNANCE DESIGN FOR E-GOVERNMENT ON APO DOMAIN COBIT 5 (CASE STUDY: DISKOMINFOTIK KBB)

By

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Information technology as the era continues to increase and increasingly complex development in terms of its utilization to complete every process that happens to an organization. So it will create transparency, efficiency, and effectiveness of service. As the system of electronic-based government (SPBE) in Indonesia, one of the areas that are implementing SPBE is West Bandung regency. Based on the results of the evaluation conducted by the Ministry of Reform of state apparatus and bureaucratic reforms (PANRB) resulted in the value of the SPBE 2.61 index for West Bandung regency. It shows that the quality of SPBE's implementation in West Bandung district is still below the target value that should be achieved, namely 3. With the planning of IT Governance of the Department of Communication, Informatics and statistics West Bandung Regency using COBIT Framework 5 is expected to increase the value of the SPBE index of West Bandung regency. Several phases are used in the design, namely, the compliance assessment of the regulations used, strategic alignment, and risk assessment to determine the process of prioritizing COBIT 5 the APO domain to be used. This research will result in 3 aspects of recommendation, namely people, process and technology. Each of these aspects will result in a design recommendation which will assist in realizing the transparency, efficiency, and effectiveness of an organization. In the people aspect will produce a design recommendation in the form of organizational structure, work description and competence, then the process aspect will result in the recommendation of policy, SOP, and work instruction, and in the technology aspect will produce recommendations of software application tools. Of the three recommendations will influence the maturity level of SPBE index in Diskominfotik KBB.

Keywords: Information Technology (IT), Governance, COBIT 5, APO, SPBE.