ABSTRACT

ANALYSIS AND DESIGN OF DOMAIN DATA SECURITY MANAGEMENT USING DAMA DMBOKv2 AT THE COMMUNICATION AND INFORMATION DEPARTMENT OF BANDUNG CITY

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Data is a crucial thing in a company or organization in providing knowledge and decision-making materials that cover the company's business and operational needs. The data on the company or organization can provide information about assets, business development, and operations run by the company or organization. There are three main properties of data, namely integrity, availability, and confidentiality. If it is not one of them, then it is certain that the data cannot be used in managing the existing information systems of the company or organization. So if there is no security and good data management, the data used is invalid and lacks confidence in the data in decision making. These problems can be solved by applying good data management. One of the proper management is in the implementation of data security. Data security management will assist in implementing processes for protection, minimizing risk, and increasing the company's value for data security. This study focuses on assessing data security management at the Bandung City Communication and Information Office based on the Data Management Body of Knowledge (DAMA-DMBOK) framework. The analysis carried out is to determine the existing state of the Bandung City Discominfo and compare it with the target to be achieved. Therefore, this study also provides recommendations for developing data security to achieve the desired.

Keywords – *Data Management, DAMA-DMBOK, Evaluation, Data Security Management*