

## **ABSTRACT**

### **ANALYSIS OF BUSINESS IMPACT ON APPLICATION SERVICES IN GOVERNMENT OF BANDUNG DISTRICT IN MEETING ISO 22317: 2015**

**By**

**BUNGA REFNOTASTIA**

**1202144202**

Diskominfo Bandung District is a new Regional Device separated from the Library, Archive and Information System Development (BAPAPSI). With the issuance of Regional Regulation No. 12 of 2016 on the Establishment and Composition of Regional Devices of Bandung Regency, since 2017 Public Management, Informatics, Statistics and Encryption become the authority Diskominfo. Due to the separation, Diskominfo Bandung District does not have a Standard will be a disruption or disaster that occurred.

One of the important factors in making these standards is Business Impact Analysis (BIA). The design of the BIA is carried out using an ISO 22137: 2015 reference framework. BIA is an advanced process of Risk Assessment which is part of the DRP (Disaster Recovery Plan). BIA focuses on analyzing the business impact of a company. By identifying the business processes in the company, the applications used and the associated infrastructure. In the business process, there are certainly different levels of criticism. To find out, the critical level of business processes will be linked to existing apps along with the necessary judgments. After obtaining a critical level of each business process, of course, each application requires operational hours and targets to recover business processes in case of interruption. To handle the time required, RTO and RPO of the application must be known for the smooth running of business process at Diskominfo Bandung District. The methodology to be used in this process is the paradigm of science design and behavior science.

The result of this final project is Business Impact Analysis document which contains the procedure of making Business Impact Analysis (Bia) on Division IT Service Diskominfo In Bandung Regency Government in fulfilling ISO 22317: 2015 standard. So Diskominfo Bandung regency can minimize the losses that may arise in case of disruption or disaster.