

ABSTRACT

Bandung Regency Government is a government institution responsible for handling all citizenship matters in the area of Bandung Regency. One of the government services to its people is to provide services in the field of communication and informatics. The agency responsible for this is the Office Communications, Informatics, and Statistics Bandung regency. Currently the Department has a data center that serves as a service provider in the field of communication and informatics located at the office building DISKOMINFO.

Based on the long-term plan the data center will be developed in terms of infrastructure, hardware, and services provided. It takes the design of management and operational data center information in accordance with the needs of the data center. The design uses the PPDIOO Life-Cycle Approach method in the first three stages, which is prepare, plan, design and in accordance with EN 50600-3-1 standard. The use of this method fits with the development of data center DISKOMINFO Bandung District Government is sustainable with the optimization stage for the long-term development of the data center.

The final result of this research is the proposal of data center development design according to EN 50600-3-1 standard management and operational information. There are operational processes and management processes required to improve data center quality. In operational processes, training is needed to improve the quality of staff, implementation of NOC to facilitate monitoring process, and alarm system to detect incidents. In management processes, required identification for employees, creating loading dock and storage space, installing cctv to monitor data center room, and creating whitelist vendor procurement..

Keywords: Data center, Standard EN 50600-3-1 Management and Operational Information. PPDIOO Life-Cycle Approach, data center management, data center operation.