

ABSTRACT
ANALYSIS AND DESIGN OF ENTERPRISE ARCHITECTURE SYSTEM
OF DATA ON MANDATORY FUNCTION RELATED TO THE BASIC
SERVICES OF THE DEVELOPMENT OF WEST JAVA PROVINCE
USING TOGAF ADM

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One Data is an agreement of the Indonesian government to encourage policy making based on data. To realize this, it is necessary to fulfill government data that is accurate, open and intertwined. Thus, the use of government data is not only limited to the use between internal institutions, but also as a form of meeting public data needs for the community. The Government of West Java Province realizes that it is not yet optimal in integrating development data so it needs to improve the quality of data management and information. Enterprise architecture or EA is needed in supporting supporting competitiveness and transforming business. This EA aims to create harmony between the application of information technology to businesses for the needs of the Government of West Java Province. Analysis and design of a comprehensive enterprise architecture on a company scale so that it helps the development and implementation of the Government of West Java Province. In this study, the concept of EA as a reference in every data or information retrieval can also verify with the West Java Provincial Government to ensure the results are in accordance with the wishes and also the concept of an ideal enterprise architecture. The methodology that will be used to design the EA is TOGAF ADM. This framework urges implementation and process. TOGAF ADM has four main components namely business architecture, data architecture, application architecture, and technology architecture. However, this research only discusses three components, namely vision architecture, business architecture, and data architecture. In making architectural designs, MEGA HOPEX Suite tools are used to produce deliverables consisting of catalogs, matrices, and diagrams. EA

design will produce a blueprint as a useful reference in developing information technology in the Government of West Java Province.

Keywords: blueprint architecture, enterprise architecture, TOGAF ADM Framework, Information Technology, West Java Provincial Government.