

ABSTRACT

ENTERPRISE ARCHITECTURE USING TOGAF 9.1: A STRATEGY FOR ENHANCING INFORMATION SECURITY MANAGEMENT SYSTEMS AT SERVICE INDUSTRY (CASE STUDY BADAN PUSAT STATISTIK PROVINSI JAWA BARAT)

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Today, many companies use information technology as a media to support the activities or business processes that exist in the company. Moreover, information technology is one of the basic tools to realize their vision and mission. In information security things, the company has implemented information technology, one of which is data storage or data transfer. But along with the rapid development of technology, it also requires the development of system security with better standardization to prevent threats that occur, such as data and information management and protection of IT assets. This is a big problem that cannot be ignored because, in recent years, many companies have faced problems due to a lack of optimal information security management system, causing data or maintenance of existing assets not in accordance with the rules. To prevent this, the company needs enterprise architecture that focuses on information security management system. The approach used is TOGAF ADM which covers the core domains in the form of business, data, applications, and technology. In this study, a blueprint of enterprise architecture was produced regarding the current state of the company's architecture and the proposed targets for improving information security management system.

Keywords: Enterprise Architecture, Information Security Management System, Information Technology, TOGAF, ADM