

Abstract

Enterprise architecture (EA) is an effort to look at the elements that exist in the enterprise as a whole as a whole. In addition, enterprise architecture has significance for the organization because one result is the alignment between IT and business needs. To develop and manage enterprise architecture should be adopted or developed their own EA framework and EA process.

Zachman Framework, one of the EA Framework, a classification scheme that is used to organize enterprise artifacts. This Framework is the most popular framework, first introduced by John Zachman, and then expanded with Sowa. Zachman Framework can be used to determine whether a methodology covering all aspects of enterprise architecture, or conversely what aspects are covered by a methodology. In addition, this framework provides a valuable tool for enterprise architects to help manage enterprise artifacts.

In development or management of the enterprise architecture products there are many processes / methodologies that can be used. Enterprise Architecture Planning (Enterprise Architecture Planning / EAP) based on the Zachman Framework is one of the enterprise architecture methodology. EAP is defined as the process of defining the architecture in the use of information to support the business and plans to implement the architecture. EAP process includes the top two rows in a column of data, function, and tissue in the Zachman Framework. EAP provides a blueprint for the IT, namely the data architecture, application architecture and technology architecture as a guideline for the design of IT systems.

In this final task, will try to implement the EAP in Logistics IT Telkom. Logistics is part of a functioning part of the activities of management of goods and services which includes activities that are initiated from the plan until the removal to all units. The results of this thesis is a blueprint for data architecture, application architecture and technology architecture.

Keywords: enterprise architecture, Zachman Framework, Enterprise Architecture Planning, blueprints, logistics