

## **ABSTRACT**

*Each government agency has its own index or assessment, in order to see the progress of the SPBE itself. In 2020, based on the decision of the Minister for Administrative Reform and Bureaucratic Reform (Kemen PANRB) Number 153 of 2020 regarding the results of the SPBE evaluation of 128 ministries, institutions and regional governments, Sumedang received a very good rating and became the first in Indonesia to achieve the highest predicate, namely the SPBE index of 3.81. The SPBE Sumedang index has increased from the previous year which was recorded at 2.51 or the Enough category. However, until now the data and information architecture in Sumedang Regency is not yet available because it is still in the process of being made, such as the absence of a Data and Information Architecture Domain that is in accordance with the metadata of the PANRB Ministerial Circular Letter No. 18 of 2022. As a result of the absence of data and information domain documents that firmly, the efficiency of the SPBE becomes low. This is caused by the procurement process and the use of different applications between existing units/services. Interestingly, although the data and information architecture is still in the development stage, Sumedang Regency has strong digital leadership so that the management of SPBE in Sumedang Regency can be operationally monitored. DISKOMINFOSANDITIK as ICT asset manager has played a role in determining reference standards for other units/services. The formulation of the problem in this final project is how to design an architectural model in the architectural data domain in the DISKOMINFOSANDITIK environment of Sumedang Regency to be described based on Presidential Decree No. 95/2018 concerning Electronic-Based Government Systems. The design model created will describe solutions regarding the design of the Enterprise Architecture that will help fulfill the data architecture integration process. This research also helps design and produce blueprint models in the form of artifacts and Data Architecture proposals that are in accordance with the Presidential Decree No. 95/2018 concerning Electronic-Based Government Systems, Ministerial Regulation of Bappenas No. 16 of 2020 concerning SPBE Data Management, Circular Letter of the Minister of PANRB No. 18 of 2022 concerning the Integration of National Digital Services through the Implementation of the SPBE Architecture and SPBE Plan Map, so as to achieve the design of the SPBE Enterprise Architecture reference in the data domain at DISKOMINFOSANDITIK in accordance with the SPBE principle.*

*Keyword : Enterprise Architecture, SPBE, Architectural Data Domain.*