

## **ABSTRACT**

*BAPAPSI Bandung regency government is one of the Regional Technical Institute in Bandung regency which organizes community service and apparatus through the optimization of library services, and filing by focusing on the management of ICT. Based on calculations performed at the level of capability using COBIT 5 in BAPAPSI at APO domain ( Align , Plan and Organise ) the level of capability is at the level of 1, so it can be interpreted that the IT implementation has not been implemented optimally. That matter proved by the lack of human resources management and need appropriate architectural design, thus it is necessary to design IT governance using the COBIT 5 framework at APO domain. In this research, the framework used is COBIT 5 because it is comprehensive and holistic so it is suitable with BAPAPSI which focuses on the management of ICT and has many business processes. The results of this research is the design of BAPAPSI organizational structure adapted to COBIT 5, the design process of IT governance and the desing of documents related to APO domain, especially the process of Manage Enterprise Architecture and Manage Human Resources.*

*Keywords : IT governance , COBIT 5 , APO domain*