ABSTRACT

PROPOSED OF BIG DATA SECURITY FRAMEWORK IN CASE STUDY
DIVISION DIGITALSERVICE SECTOR
IOT DEVICE & DATA MANAGEMENT PT.TELKOMUNIKASI INDONESIA

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Framework big data security is a framework that protects the big data against attacks from certain parties who want to retrieve information on the big data. This research will design the framework of big data security for PT. Telekomunikasi Indonesia. framework big data security is tailored to the existing platform at PT. Telekomunikasi Indonesia. The design of components or functions on this big data security framework based on a combination of framework provided Hortonworks, Cloudera and big data security framework according to Ajid Gaddam.

Evaluation of big data security framework in this study using interviews with some experts who master the field of big data and network security. The questionnaires are made to provide more accurate results on framework recommendations big data security. After conducting interviews and providing questionnaires, then in this study was revised on the recommendation framework big data security based on the advice of some experts, so this framework is more accurate to be recommended framework big data security at PT. Telekomunikasi Indonesia.

Based on the evaluation results and following the advice of some experts on the framework recommendations big data security, it can be concluded that the framework is accurate and is expected to be recommended famework big data security at PT. Telekomunikasi Indonesia.

Keywords: Big data, Large data security framework, Hortonworks, Cloudera