The Third Information Systems International Conference

Design Validation System and Legalized Document Using E-Certificate Application

Arifin Prasetyo Adi a, Prasetyo Adi Wibowo Putro b

a b Sekolah Tinggi Sandi Negara, Bogor 16330, Indonesia

a iphienarifin@gmail.com

Abstract

A system which build with using application can cover disadvantage on current system. Validation system and document legalized available today still has some disadvantage. With a system that utilizes E-Certificate application can cover and fix the system that is currently running. The design of the proposed system uses a digital signature algorithm RSA-2048 as the authentication mechanism. Furthermore, the validation and legalization system for e-certificate document has some advantages compared with current systems. System validation and legalized document using E-Certificate can ensure the authentication, data authenticity yet still efficient time (faster processing).

Keywords: certificate; validation, legalize; e-certificate