

Security Design Model of E-Government Collaborative Platform

Su Jindian Guo Heqing Yu Shanshan

Dept. of Computer Science and Engineering, South China University of Technology
Guangzhou 510641, China

Email: Brisk_su@hotmail.com susyu@tom.com Tel.: (020) 13711126764

ABSTRACT

Based on many security problems existing in current e-government collaborative platform construction and incorporating some popular security technologies such as Public Key Infrastructure , Digital Signature and Electronic Seal , this paper tries to do some researches on how to build secure and dependable e-government platforms according to the different security requirements in Internet, extranet and intranet respectively. The main goal is to provide a reference to the security design of e-government systems.

Keywords: E-Government, PKI, Internet, Extranet, Internet, Document Flow