A review of Fuzzy Mechanisms for E-government Security

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Abstract

Recently, e-government has become an important issue for citizens. Government services are provided using electronic media. The security of applications and infrastructures is a critical factor for e-government success. However, analysis of the various possible external threats and internal vulnerability in order to evaluate and develop solutions resolves them is needed. A huge
number of Artificial Intelligence (AI) techniques have been proposed for this purpose; fuzzy is considered as the dominant approach in this area. This paper describes the security challenges in the context of e-government. Additionally, it reviews and discusses the comparison between variant fuzzy-based techniques. This paper has concluded that; Fuzzy set theory is very useful for evaluation of e-government security.

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Index Terms

Computer Science Information Security
## Key words

| E-government | Security | Fuzzy techniques |