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Proceedings - International Conference on Information and Communication Technology for the Muslim World 2018, ICT4M 2018
6 December 2018, Article number 8567112, Pages 150-155
2018 International Conference on Information and Communication Technology for the Muslim World, ICT4M 2018; Kuala Lumpur; Malaysia; 23 July 2018 through 25 July 2018; Category numberCFP1854K-ART; Code 143602

Responsibility-value alignment in information security governance (Conference Paper)

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Abstract

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This paper contributes by discussing the categorization of responsibilities of top management in information security to the four (4) leadership characteristics in Islam as defined and showed by the Prophet Muhammad (PBUH). Contemporary studies, mostly from the West explores the responsibilities of the top management in information security. However, without binding the responsibilities to a specific set of virtue ethics, it will only become a set of tasks rather than responsibilities. Therefore, based on the literature review, this paper introduces a conceptual model that describe the categorization of management's responsibilities in information security governance to the four (4) Islamic leadership principles – Truthfulness, Trustworthiness, Advocacy and Wisdom. This model allows researchers and practitioners to understand and appreciate the accountability of top management in steering information security initiatives in their organizations from Islamic perspective. © 2018 IEEE.

SciVal Topic Prominence

Topic: Security of data | Societies and institutions | information assets

Prominence percentile: 97.403

Author keywords

Information security Information security governance Leadership characteristics of prophet muhammad (PBUH) Top management

Indexed keywords

Engineering controlled terms: Security of data

Engineering uncontrolled terms: Conceptual model Information security governance Leadership characteristics of prophet muhammad (PBUH) Leadership principles Literature reviews Top management Virtue ethics

Engineering main heading: Network security

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Source Type: Conference Proceeding
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