

Title: EXPLORING THE RELATIONSHIP BETWEEN ORGANIZATIONAL CULTURE AND INFORMATION SECURITY POLICY COMPLIANCE IN KENYAN UNIVERSITIES

Abstract:

Insider threats remain a big challenge for organizations that must balance between the advancement of Information Systems applications and the need to keep Information secure. This study will explore the link that connects Organizational Culture to the Compliance with Information Systems within an organization and thereafter validate the emerging theory from the exploration. This study will conduct empirical qualitative study by conducting in-depth interviews in selected case Universities to inductively generate a theory behind Information Security Compliance. The study will conduct two phases of data collection with Qualitative being the first one and Quantitative the second phase. Grounded Theory approach will be adopted as the method of analysis in the Qualitative phase. The resulting theoretical model will then be tested using quantitative approach through structured questionnaire. The study intends to have 600 respondents that will include Executive decision-making group, Management Group, and the ordinary users within this organization in which 3 types of questionnaire will be sent to each respondent in these groups. Stratified sampling will be applied to select the Sample size and Simple Random sampling for respondents sampling within the strata. The study will use the PLS – SEM to analyze and validate its result. This study will be beneficial in establishing best practices in Insider threat mitigation and address further the challenges of the Insider Threat to Information systems with regards to Information Security culture.

Keywords: Insider Threats, Information Security, Compliance Culture, Mixed Methods, Grounded Theory