TESIS

ANALYSIS AND DESIGN OF CLOUD COMPUTING FOR E-GOVERNMENT IN YEMEN

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Abstract

Recently, By development of technologies and means of communication, governments also tended to use e-government to improve and facilitate the provision of its services to citizens and companies associated with these its citizens. Cloud computing has emerged recently as an influential and effective in providing and facilitating the provision of services via the Internet.This research analyses and illustrates the reality of e-government, ICT infrastructure and its administrative development in Yemen in addition to the benefits and challenges of e-government and cloud computing in Yemen.

Type of this study is mixed method, Data source of this research is mix of primary and secondary data. Primary data was collected by surveys and interviews while secondary data was collected by many reports, articles, journals, previous studies and other available documentation related to the topic of the paper.

The results of this research could be summarized in this conclusion as following: Administrative development in different departments of public sector have experienced the ICT and established good infrastructure of ICT, but e-government still use the traditional methods. The interviews showed that, there are a huge gap between the reality of e-governments and the usual infrastructure that are required to establish e-government that depend on cloud computing as a better choice. There are many initiatives by many researchers introducing the use of technology but there is also a lack of infrastructure and support for these services.There are many challenges facing the implementations of e-government and its development in Yemen is political stability, awareness of the importance of e-government and lately conflicts and wars

Keywords: Cloud Computing; e-government; Information Technology; Analysis and Design e-government; e-government of Yemen.

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