E-Government based on Cloud: Challenges and Benefits

[1]Kiran Preet Kaur, [2]Dr. Sawtantar Singh Khurmi

[1,2]Dept. of Computer Science, Desh Bhagat University, Mandi Gobindgarh, Punjab, India

Abstract

Electronic government (e-government) has been adoptedglobally by both developed and developing countries. E-government solution providers provide an Information Technology (IT) based solution to strengthen their services to citizens, which were not possible till now. Governments are using tools of Information & Communication Technologies to provide various services efficiently. Small towns & rural areas due to long distances were left behind for availing such services; ICT makes it possible to reach to faraway places. Internet has changed society affectedly and technically, a 'network society' has been settledit's the eon of Instagram, Facebook, Orkut and twitter, Whatsapp, YouTube and smart phones.The conception of Cloud computing has extent swiftly through the e-governance. Cloud computing serving nations make countlessexpansions through addressing main healthcare, tutoring, and other societal matters.The use of cloud based e-government is to help the governments in providing best possible services to the citizens and businessesat lower cost and lesstime requirements.In this paper thetechniques of using cloud computing in e-government has been considered and it's been attempted to ascertain the challenges and benefitsof the cloud to get used in the e-government and suggestions have beenoffered to overcome its failings.

Keywords

e-Government, ICT, Cloud Computing, e-Gov