

DATA DISASTER RECOVERY MODEL FOR THE ASSOCIATION OF
BUREAUX DE CHANGE OPERATORS OF NIGERIA, ABCON NIGERIA

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ABSTRACT

Disaster recovery planning is an active topic that has become a necessity for each and every organisation whether small, medium or large business. Disaster recovery elements of the contingency planning are taken lightly in most organisations. Disaster recovery Planning is the preparation for disaster whether artificial or natural causes. The domain includes several activities, methods and strategies in implementing and recovering data in the advent of disaster scenario. Thus, due to the threats faced by ABCON Nigeria namely virus, infected emails (spam), data loss or theft and human error, ABCON does not have an up-to-date disaster recovery model that will help in recovering their key business functions during and after disaster. Lack of employee security awareness training can make the organisation stagnant during disaster scenario. A data disaster recovery model is proposed to the organisation to mitigate and recover their important data to ensure business continuity and confidentiality of critical documents. The data disaster recovery model has six phases which are disaster preparedness, disaster risk assessment, disaster prevention, disaster response, immediate disaster recovery and documentation and lesson learnt concurrently. The proposed data disaster recovery model will be validated using questionnaires by experts in ABCON.

ABSTRAK

Rancangan pemulihan bencana adalah satu topik yang aktif yang telah menjadi satu keperluan bagi setiap dan setiap organisasi sama ada perniagaan kecil, sederhana atau besar. Elemen pemulihan bencana perancangan luar jangka yang diambil ringan dalam kebanyakan organisasi. Perancangan pemulihan bencana adalah persediaan untuk bencana sama ada sebab-sebab semula jadi atau buatan . Domain ini termasuk beberapa aktiviti, kaedah dan strategi dalam melaksanakan dan memulihkan data dalam kemunculan senario bencana. Oleh itu , disebabkan ancaman yang dihadapi oleh ABCON Nigeria iaitu virus , e-mel yang dijangkiti (spam), kehilangan data atau kecurian dan kesilapan manusia, ABCON tidak mempunyai model up-to - tarikh pemulihan bencana yang akan membantu dalam memulihkan fungsi perniagaan utama mereka semasa dan selepas bencana. Kekurangan latihan kesedaran keselamatan pekerja boleh membuat organisasi bertakung dalam senario bencana. Pemulihan bencana model data adalah dicadangkan kepada organisasi untuk mengurangkan dan memulihkan data penting bagi memastikan kesinambungan perniagaan dan kerahsiaan dokumen kritikal. Pemulihan bencana model data mempunyai enam fasa yang persiapan menghadapi bencana, penilaian risiko bencana, pencegahan bencana , bantuan bencana alam, pemulihan bencana serta-merta dan dokumentasi dan pengajaran dipelajari serentak. Dicapadangkan model pemulihan bencana data akan disahkan dengan menggunakan soal selidik oleh pakar-pakar dalam ABCON.