Network System Design for Combating Cybercrime in Nigeria

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Abstract. This research work is to bring to light, the danger posed by Cyber Crime in the world generally and Nigeria in particular with the hope that policy makers will work with the recommendations and practical combating framework design of this research work. In order to achieve this, the following approaches were adopted; survey of some common Cybercrime in Nigeria with the frequency of occurrence and design of a frame work system to combat the crime. The system design controls and track cyber criminals on the Nigerian cyber space. The paper proposes the establishment of National Cybercrime Control Center (NCCC) to effect this system. The Security Agents could obtain tracked information from NCCC as evidence to arrest and prosecute cybercriminals.

Keywords: Network · Cybercrime · Framework · Combating

1 Introduction

Generally, crime means “a legal wrong that can be followed by criminal proceedings which may result into punishment” whereas Cyber Crime may be “unlawful acts wherein the computer is either a tool or target or both” [13].

Nigeria is adjudged as the most populous black nation in the world and by the figures of the last population census, Nigeria’s population has grown slightly above 140 million [10]. This has no doubt increase commercial activities and hence attracted more providers of services locally and internationally, one of these services is the computer and internet revolution that has rapidly increased over the years. Cyberspace is already woven in to the fabric of our society. Our security and economy can no longer do without the cyberspace and online access is the most dominant part of the cyberspace, it is already viewed by many as the ‘fourth utility’, a right rather than a privilege [6]. In less than 11years, the number of global web users has exploded by more than a hundred-fold, from 16 million in 2003 to more than 1.7 billion presently [9].