Foreword and Editorial

International Journal of Communication Technology for Social Networking Services (IJCTSNS)

We are very happy to publish this issue of an International Journal of Communication Technology for Social Networking Services by Global Vision Press.

This issue contains 2 articles. Achieving such a high quality of papers would have been impossible without the huge work that was undertaken by the Editorial Board members and External Reviewers. We take this opportunity to thank them for their great support and cooperation.

In the research paper “Proposal for CDN applied Network Architecture in Network environment using Internet and SDN Network”, today's users consume much more content including multimedia such as video and use network-based services. Additionally, users of the mobile device are increased exponentially. Although multimedia content and network-based services take up a large portion of network traffic and consumes the computing power of the server. Therefore, the higher the consumption of high-capacity content, the longer the distance between the server and the client, the more the consumption of various services, the burden on the network and the server will inevitably increase. Various techniques have been proposed to solve these problems. However, the network environment for these methods are presupposed slightly different from each other, so it is difficult to apply directly. Also, more and more regions overlap with other communication methods such as Ethernet networks and mobile networks. The traffic control solutions that are applicable only to specific network methods, such as conventional techniques, are difficult to cope with overall. In this paper, we assume a situation where there is a single trusted node at both the service provider and the consumer (such as a school or company), and multiple users simultaneously consume content that generates high-capacity traffic over Ethernet and SDN networks. In this environment, edge computing and CDN mechanism can be used to reduce the load on the network.

The paper entitled “A Brief Review on Wireless Sensor Network”, remote Sensor Networks (WSNs) assume a noteworthy part in reforming the world by its detecting innovation. WSNs have developed as that capable innovation which has various applications, for example, for example, military tasks, reconnaissance framework, Intelligent Transport Systems (ITS) and so forth. WSNs include different sensor hubs, which catches the information from the encompassing nearby observing the outer condition. A significant part of the examination work is centered on influencing the sensor to arrange working with least utilization of vitality, so it can make due for longer span. The essential worry toward sparing vitality has been because of the releasing of those batteries on which sensor hubs are worked. Notwithstanding that, WSNs are additionally abused for its security viewpoints with the goal that it can be utilized as a part of some classified segments like military combat zone. This paper presents the WSN in various angles like applications, steering and information gathering, security viewpoints and furthermore briefs about reenactment stage that can be utilized as a part of WSNs. This paper contributes in a manner about presenting the WSNs in various parts of its activity and mirroring its noteworthiness.

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