

legacy wireless networks are important building blocks in order to achieve cost-efficient solutions, offer smooth migration paths from legacy systems, and to provide means for load balancing among different radio access technologies.

- [4] Tianjiao Liu, Jianfeng Guan, Hongke Zhang(2013) have proposed “CMT-QA: Quality-Aware Adaptive Concurrent Multipath Data Transfer in Heterogeneous Wireless Networks” the author propose This paper proposes a novel quality-aware adaptive concurrent multipath transfer solution (CMT-QA) that utilizes SCTP for FTP-like data transmission and real-time video delivery in wireless heterogeneous networks. CMT-QA monitors and analyses regularly each path’s data handling capability and makes data delivery adaptation decisions to select the qualified paths for concurrent data transfer. CMT-QA includes a series of mechanisms to distribute data chunks over multiple paths intelligently and control the data traffic rate of each path independently. CMT-QA’s goal is to mitigate the out-of-order data reception by reducing the reordering delay and unnecessary fast retransmissions. CMT-QA can effectively differentiate between different types of packet loss to avoid unreasonable congestion window adjustments for retransmissions. Simulations show how CMT-QA outperforms existing solutions in terms of performance and quality of service.
- [5] Sangchun Han, HyunchulJoo, Dongju Lee, and Hwangjun Song(2011) have proposed “An End-to-End Virtual Path Construction System for Stable Live Video Streaming over Heterogeneous Wireless Networks” the author propose packetization-aware fountain code to integrate multiple physical paths efficiently and increase the fountain decoding probability over wireless packet switching networks. Second, we present a simple but effective physical path selection algorithm to maximize the effective video encoding rate while satisfying delay and fountain decoding failure rate constraints. The proposed system is fully implemented in software and examined over real WLAN and HSDPA networks.
- [6] Jiyan Wu, Member, IEEE, Chau Yuen, Senior Member, IEEE, Bo Cheng, Member, IEEE, Yuan Yang, Ming Wang, and JunliangChen“Bandwidth-Efficient Multipath Transport Protocol for Quality-Guaranteed Real-Time Video Over Heterogeneous Wireless Networks(2016)” this paper proposes a bandwidth-efficient multipath streaming (BEMA) protocol featured by the priority-aware data scheduling and forward error correction-based reliable transmission.
- [7] RichaKhare, Dr. KuldeepRaghuwanshi Vol. 2, Issue 10, October 2013 “A REVIEW OF VIDEO

STEGANOGRAPHY METHODS” While the proposed scheme can be used for all video watermarking applications, such as copyright protection, in this paper, we focus on authentication and tampering detection. Each application, including authentication, has its own requirements. With the requirements of an authentication application, here we design a semifragile watermarking method.

V. CONCLUSION

Versatile video administrations have experienced exponential development in the previous couple of years . The future remote environment is relied upon to be a joined framework that fuses distinctive get to systems with assorted transmission components and capacities. Multipath video transport is a promising answer for coordinate the system assets for giving excellent portable spilling administrations. Building up a viable transport convention is a basic stride to streamline the vitality proficiency and media nature of multipath video transfer through mobile devices Towards this end, this paper proposes an Energy Video aware multipath transport (EVIS) protocol. In particular, we develop solutions for prioritized frame scheduling and unequal loss protection to achieve least energy consumption while achieving target video quality. The performance of EVIS is evaluated through extensive emulations .. Evaluation results show that EVIS advances the state-of-the-art with appreciable improvements in device energy conservation, video PSNR, goodput and end-to-end delay.

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