The Fourth International Conference on Computer Science and Information Technology AIRCC Contact Us ulduagement effort [1]. Advances in virtualization, itorage, connectivity and processing power, are combined to create a new scoredera for cloud computing. It is an internet based istrict delivery m all multer 8 stallaated with reference to the bench marker as single-core processor in order to analyze the Many todays' multimedia applications demand low bit rate transmission of the video sequences due to the limited bandwidth of transmission channels. Video compression is particularly required for these applications for the reception of an acceptable tudeo quarity at secence. An important part of many video compression techniques is motion compensation. Overlapped Motion Compensated Temporal laterpolation (OMCTD) is a block based search approach for the temporal interpolation of stripped frames. It generates interpolated frames with considerably improved video quality at the iscerter. Motion compensation is computationally complex and data intensive operation. Multi-conintrease in single-core microprocessors performance is limited by semiconductor scaling, associated power and thermal challenges. Currently multi-core CPUs have turned out to be the mechanism for subnocement of processor's performance to overcome lumitations. Parallel processing charges the processors and an OpenMP based multithreaded approach is established to reduce the computations erformance tradeoffs. The paper is concluded with a discussion about the generated experiments evalu. Multi-core processors achieve performance enhancement of 30% - 50% in different scenario whole way we live in this work, we speed up the motion compensation by leveraging the multicol processor has captured major portion of the market due to its enhanced computational capabilitie complexity of the OMCTI. The performance of the proposed multi-core processor technique Madika Sherl, Nasri Minallahl, Muhammad Asif Manzoor, Munaza Sherl, ^HUniversity shiftle the surgle-core processors, the beach marker, performance is improved by 3% at the most Open Multiprocessing Aided Overlapped Motion Compensated Temporal Interpolation Eugineering & Technology, Pakistan, 'Umm Al-Qum University Kingdom of Saudi Ambia provinioned and released model which provides internet based services computing and storage for aver-Accepted Papers Venue sPullMan, Sydney, Australia -22,20 computing resources that can be rapidly Program Committee COSHIE Shebruary ī Paper Submission Accepted Papers ABSTRACT onfigurable Home Related Conferences Program Committee Paper Submission DBDM 2014 SCOM 2014 Accepted papers CRC S 2014 AFL 2014 CSE 2014 Contact Us AIRCC

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