

Dari hasil pengukuran *delay*, *jitter*, *throughput*, dan *packet loss*, diketahui performansi pengkodean video WMV-9 lebih baik jika dibandingkan dengan performansi pengkodean video H.264. Tetapi dari penilaian subjektif MOS, performansi pengkodean WMV-9 lebih buruk jika dibandingkan dengan pengkodean video H.264. Hasil streaming pengkodean video WMV-9 lebih sering mengalami gangguan berupa gerakan yang patah-patah, hilangnya warna gambar ataupun hilangnya fokus gambar.

Kata kunci: WMV-9, H.264, W-LAN

ABSTRACT

WMV-9 and H.264 is commonly used in Internet network for video streaming. To provide a streaming service, video codec standards must have a good performance (delay, jitter, throughput, packet loss and MOS). Because, video codec performance determine the quality of streaming video in client side.

In this final project, WMV-9 and H.264 streaming performance trough wireless network will be measured and compared. Those video coding performance will be measured over W-LAN network which build in laboratory and home board using ethereal software. Performance measurements will done in 10 times for each scenario.

From the measurements result, delay, jitter, throughput, and packet loss, WMV-9 coding performance is better than H.264 coding performance. But from subjective MOS

value, WMV-9 coding performance is worse than H.264 coding performance. WMV-9 coding streaming result is often have disturbance like jerky picture, losing color and losing focus.

Key words: WMV-9, H.264, W-LAN

KATA PENGANTAR

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