

CENTRE FOR ADVANCED INTERNET ARCHITECTURES

Quantitative Assessment of IP Service Quality in 802.11b Networks

Thuy T.T. Nguyen Grenville J. Armitage



























			1500-byte MTU TCP Data (19)	TCP ACK(#)	
		DIFS & SIFS RTS & CTS 80211 Data	50+10*3=80 192*2+(20 +14)0.125=656 192+1542(1375)	50 + 10 *3 = 80 192 *2 + (20 +14)/0.125 = 656 192 + 82/(1.375)	
		80211 ACK Frame exchange total	= 1,313,4 192 + 14/(1375) = 203 2252,4	= 2516 192 + 14/(1.375) = 203 1190.6	
	Total Transaction 3443 * *Backoff Time is not included in the calculation				
		T	CP Transaction T	īme	
SWIN	CENTRE FOR				









