

Algorithm	Implementation	# of Leakage Sites	# of CF	# of DF	Total Instructions	Max Leakage (bits)	Symbolic Execution Time	Monte Carlo Time
AES	MBED TLS 2.5	68	0	68	39,855	8	570ms	850ms
AES	MBED TLS 2.15	68	0	68	39,855	8	550ms	829ms
AES	openssl 0.9.7	75	0	75	1,704	10	319ms	7s 720ms
AES	openssl 1.0.2f	88	0	88	1,350	12	72ms	1s 500ms
AES	openssl 1.0.2k	88	0	88	1,350	11	83ms	1s 441ms
AES	openssl 1.1.0f	88	0	88	1,420	12	87ms	1s 454ms
AES	openssl 1.1.1	88	0	88	1,586	8	91ms	1s 250ms
DES	MBED TLS 2.5	15	0	15	4,596	1	114ms	144ms
DES	MBED TLS 2.15	15	0	15	4,596	1	106ms	137ms
DES	openssl 0.9.7	6	0	6	2,976	7	149ms	4s 193ms
DES	openssl 1.0.2f	8	0	8	2,593	9	239ms	5s 311ms
DES	openssl 1.0.2k	8	0	8	2,593	9	235ms	5s 80ms
DES	openssl 1.1.0f	8	0	8	4,260	9	256ms	5s 27ms
DES	openssl 1.1.1	6	0	6	8,272	7	235ms	4s 584ms
RSA	MBED TLS 2.5	6	6	0	22,109,246	9	37m 51s	20m 10s
RSA	MBED TLS 2.15	12	0	12	24,484,441	9	39m 17s	4h 1m 16s
RSA	openssl 0.9.7	105	103	2	16,980,109	13	28m 26s	4h 26m 33s
RSA	openssl 1.0.2f	38	27	11	14,468,307	10	28m 11s	2h 40m 17s
RSA	openssl 1.0.2k	36	27	9	15,285,210	12	39m 13s	4h 42m 43s
RSA	openssl 1.1.0f	31	22	9	16,390,750	13	32m 48s	4h 21m 58s
RSA	openssl 1.1.1	26	20	6	18,207,020	12	7m 3s	7h 35m