UNIVERSIDAD CENTRAL DEL ECUADOR

TABLA DE RESULTADOS

GRUPO # 5

Algoritmo	#Palabras	#Caracteres_Entrada	#Caracteres_Salida	T-E1 (Leer)	T-E2 (Clave)	T-E3 (Cifrar)	T-E4 (Descifrar)	T-Total
ECDH+HKDF(BLAKE2s)+AES-GCM	10	49	65	2,44856E+15	9,43184E+15	65565109253	1,66893E+11	1,27268E+16
ECDH+HKDF(BLAKE2s)+AES-GCM	100	499	515	1,82152E+16	4,45127E+15	2,40803E+11	12397766113	6,65188E+15
ECDH+HKDF(BLAKE2s)+AES-GCM	1000	4999	5015	1,89781E+16	4,21762E+16	2,98023E+11	1,50204E+11	6,57797E+15
ECDH+HKDF(BLAKE2s)+AES-GCM	10000	49999	50015	2,60592E+15	4,11749E+16	52213668823	44584274292	7,70569E+13
ECDH+HKDF(BLAKE2s)+AES-GCM	100000	499999	500015	1,36614E+16	4,25816E+15	3,9959E+16	3,63111E+15	2,55656E+16
ECDH+HKDF(BLAKE2s)+AES-GCM	1000000	4999999	5000015	1,19464E+16	4,37975E+15	3,44491E+16	3,67188E+15	1,95036E+15
ECDH+HKDF(BLAKE2s)+AES-GCM	10000000	49999999	50000015	2,22194E+16	5,74589E+15	9,08389E+15	8,94446E+15	4,03056E+16

Algoritmo	#Palabras	#Caracteres_Entrada	#Caracteres_Salida	T-E1 (Leer)	T-E2 (Clave)	T-E3 (Cifrar)	T-E4 (Descifrar)	T-Total
DES-ECB	10	49	56	4,34709E+15	1,21593E+11	2,55513E+16	2,35987E+16	9,27854E+15
DES-ECB	100	499	504	2,7442E+16	6198883057	87976455688	37193298340	4,07457E+15
DES-ECB	1000	4999	5000	1,54495E+15	3814697,266	1,27554E+16	92506408691	3,79324E+16
DES-ECB	10000	49999	50000	2,10524E+15	3337860107	7,93219E+15	7,35283E+15	1,74356E+16
DES-ECB	100000	499999	500000	1,03354E+16	4291534424	7,47681E+12	7,09629E+15	1,56131E+16
DES-ECB	1000000	4999999	5000000	1,21908E+16	7867813110	7,8059E+15	7,30817E+15	1,63344E+15
DES-ECB	10000000	49999999	50000000	2,37759E+16	69141387939	8,25121E+15	8,13534E+15	1,87643E+16

Algoritmo	#Palabras	#Caracteres_Entrada	#Caracteres_Salida	T-E1 (Leer)	T-E2 (Clave)	T-E3 (Cifrar)	T-E4 (Descifrar)	T-Total
ECDH(sin-hash)+AES-GCM	10	49	65	3,79539E+16	5,2309E+15	3,41296E+15	3,43966E+15	1,11737E+16
ECDH(sin-hash)+AES-GCM	100	499	515	2,03133E+16	4,01497E+16	2,93255E+11	1,28746E+11	6,48499E+13
ECDH(sin-hash)+AES-GCM	1000	4999	5015	1,94073E+16	3,57389E+15	31471252441	1,4782E+11	5,98669E+15
ECDH(sin-hash)+AES-GCM	10000	49999	50015	2,06947E+16	4,35591E+15	63896179199	43630599976	7,51495E+14
ECDH(sin-hash)+AES-GCM	100000	499999	500015	1,73092E+16	3,6025E+16	6,00576E+15	5,81503E+15	3,2742E+15
ECDH(sin-hash)+AES-GCM	1000000	4999999	5000015	2,22144E+16	4,05788E+15	5,63502E+14	5,69367E+15	3,3951E+14
ECDH(sin-hash)+AES-GCM	10000000	49999999	50000015	2,74957E+16	4,93288E+15	8,63118E+15	8,94151E+15	4,51182E+16