RSA Encryption Analysis Report

1. RSA Encryption Details

Message: winner

Key Length: 32 bits

Maximum bytes per chunk: 3

Encrypted chunks: [368458264, 24912151]

RSA Values: n = 1891649797, e = 65537, d = 1876293953

2. Decryption Algorithm Results

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Results of various decryption algorithms:
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Algorithm	Time (s)	Success	Decrypted
Brute Force	0.0107s	[Success]	winner
Euler's Factorization	0.0000s	[Success]	winner
Quadratic Sieve	60.0002s	[Failed]	Failed
General Number Field Sieve	60.0002s	[Failed]	Failed
Shor's Algorithm	6.5400s	[Success]	winner

3. RSA-OAEP Performance

RSA-OAEP Encryption Time: None s

RSA-OAEP Decryption Time: None s

Decrypted Message: None