

Comparison of DES -AES



	DES	AES
Date	1976	1999
Block size	64 bits	128 bits
Key length	56 bits (effective length)	128, 192, 256 (and possibly more) bits
Encryption primitives	Substitution, permutation	Substitution, shift, bit mixing
Cryptographic primitives	Confusion, diffusion	Confusion, diffusion
Design	Open	Open
Design rationale	Closed	Open
Selection process	Secret	Secret, but accepted open public comment
Source	IBM, enhanced by NSA	Independent Dutch cryptographers

The Cryptographic Security

