

Types of Cryptographic Algorithms

Definitions

One way algorithms

Also known as message digests. No keys involved. Encryption cannot be reversed.

Symmetric Key algorithms

The keys used for encryption and decryption are the same OR two-way mathematically related (can be derived from the other reliably)

Public Key algorithms

Also known as asymmetric algorithms. The keys used for encryption and decryption are different but one-way mathematically related.