



Forms of Cryptosystems Private Key (symmetric) : A single key is used for both encryption and decryption. Key distribution problem - a secure channel is needed to transmit the key before secure communication can take place over an unsecure channel. Public Key (asymmetric): The encryption procedure (key) is public while the decryption procedure (key) is private. Requirements: For every message M, D(E(M)) = M

2. E and D can be efficiently applied to M

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3. It is impractical to derive D from E.

















