Public / Private Key Cryptography

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Schlüsselwörter Identity, Security			
Symptom (öffentlich)			
Problem (öffentlich)			

Lösung (öffentlich)

A mechanism of encrypting and decrypting data using two different but related keys - hence they are termed asymmetric. While the two keys are related, one cannot be computed from the other. Something encrypted with one key can only be decrypted with the other. One key is kept secret - the private key - and the other can be given to anyone - the public key. With this system, any two people can communicate securely after exchanging their public keys. Each recipient uses the corresponding private key to decrypt the session key. In a symmetric system the keys used to encrypt and decrypt and they used and this \u2018relationship\u2019 is then shared between two parties, or there may only be a single key \u2013 hence they are termed symmetric. In a hybrid system, a much briefer session key may generated by one party and encrypted by each recipient's public key; each recipient uses the corresponding private key to decrypt the session key and once all parties have obtained the single shared key that was encrypted by each recipient uses the corresponding private key to decrypt the session key and once all parties have obtained the single shared key that was encrypted by each recipient uses the corresponding private key to dacrypt the session key and once all parties have obtained the single shared key that was encrypted by each recipient uses the corresponding private key to dacrypt the session key and once all parties have obtained the single shared key that was encrypted by each recipient uses the corresponding private key to dacrypt the session key and once all parties have obtained the single shared key that was encrypted by each recipient uses the corresponding private key to decrypt the session key and once all parties have obtained the single shared key that was encrypted by each recipient uses the corresponding private key to decrypt the session key and once all parties have obtained the single shared key that was encrypted by each recipient uses and then using some secret key to sign it. To trick an identity 1

Source: "http://identityaccessman.blogspot.com/2006/08/identity-dictionary.html"