

Assignment 502

autit Distinguish between public and private Keys in on asymmetric-key cryptosystem.

Exercite Key is used to The public Key is only used both encrypt and decrypt to encrypt data and to the clata and is shared decrypt the data, the between the sender and private key is used and receiver of enoughted data is shared.

2. The poster key mechanism The public key mechanism is faster. Is slower.

3. The point key is kept The public key is free to secret.

use

4. The private keys mechanism The public key mechanism is called symmetric is called a symmetric being a single key being two keys for

between two parties. different purposes.

5. The private key is to The public key can be be shared between used anyone.

6. Performance testing checks Load testing checks the the realiability, scalability, sustainability of the and speed of the system system.

Que 3 Distinguish between symmetric and asymmetric Key couptosystems



Asymmetric lay. Symmetric Key 1. It only requires a It requires two key one to single key for both encrypt and the other one to deought. encuption and decry-2. The ciphen text is same The sire of cipher test is rame or larger than the or smalley than the original plain text. original plain tect. 3. The encuption process The encryption process is is real fast. very slow. 4. Ot is used when large 9t is used to transfer amount of date is small amount of date sequired to transfer. It provides confidentiality, 5. It only provides confrdentiality. authencity and non-repudica-EX = 3DES, AES, DES Ex= ECC, EI Gamal, DSA and RC4. and RSA.