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DT024A
dngga

Small Examination of Network Security and Management, AV 2012

Time: 2012-05-23

Total: 100

A: 90

B: 80

C: 70

D: 60

E: 50

Fail < 50

Good Luck

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1. (15 p)
What is a security policy? Give an example.
2. (15 p) Compare AES and RSA.
3. (15 p) How to use DES encrypt a very large file, use block structure to describe the encryption and decryption process.
4. (20 p) Given Alice and Bob share a secret key K_{ab} ; Alice and Cod share a secret key K_{ac} . How could Alice send a signed confidential document to Bob and Cod?
5. (20 p) Suppose Alice has Cod's X509 certification. Alice and Bob share one secret key K_{ac} . How can Bob send a secret message to Code.
6. (15 p) How to decide the trust level of a public key in PGP?