

## Ques 1 :->

### # Key Management for IP Security :->

-> It requires keying material for Authentication and for encryption.

-> The Managing of this keying material is called key Management.

-> Oracle's solution provides two Methods for Managing the key for IP Security.

1. IKE for IP Security

2. Manual key for IP Security.

### # SNMP V3 :->

-> It defines the secure version of SNMP. SNMPV3 also facilitate remote configuration of the Entity.

# ~~X.50~~

# X.509 :->

- > It is the part of X.500 Directory service
- > Issued in 1988. revised in 1993 and 1995
- > Defines a framework and Authentication service using the X.500 directory
- > Repository of public key Certificates
- > Based on use of public key cryptography and digital signature
- > Recommends use of RSA.