1. Kerberos is an authentication service designed four use in a distributed environment it provides a trusted third party authentication service that enables clients and servers to establish authenticated communica

Kerberos principles :-

(a) A services of username
(b) An instance name
(c) A realm service

Requirement four kerberos :-

(1) Secure
(2) Reliable
(3) Transparent
(4) scalable.

X. 509 :-

- Part of x. 500 Directoury service
- Issued in 1988 revised in 1993 and 1995
- Defines a framework four authentication service using the X. 500 Directoury
- Repositoury of Public key certificates.
- Based on use of Public key cryptography and digital signature.

Requirement
Recommends use of RSA.