

Week 5 Presentation Topics:

1. Discuss the pros and cons of a trusted computing environment, reference monitor, and Microsoft Next Generation Secure Computing Base, which was originally called Palladium project.

Try:

http://www.eff.org/Infrastructure/trusted_computing/20031001_tc.php

<http://www.cl.cam.ac.uk/~rja14/tcpa-faq.html>

2. eDirectory products essentially put all authentication and authorization functions in one central repository containing user directory, the access control policy for applications such as NT network, Unix, and database. Single sign-on for enterprise will thus be enabled. Discuss any similarities to the Reference Monitor Concept. Is the idea of eDirectory good design, from a security viewpoint?

3. With reference to Monitoring Systems it should be noted that the example protocols aren't expressly related to computer systems but the principles are the same. Threat models play an important role in the process of building a secure system. Explain the relationship of threat models to secure system design.