

Outline for June 3, 2013

Reading: [TL00]¹

Assignments due: Homework #5, due June 6, 2013

1. Evaluating systems
 - a. System Security Engineering Capability Maturity Model (SSE-CMM)
2. Attack trees
 - a. Goals and subgoals
 - b. Example: safe cracking
 - c. Different functions of nodes and edges
 - i. Risk analysis
 - ii. Feasibility analysis
 - iii. Cost analysis
 - d. Example: attacking PGP
3. Requires/provides model
 - a. Give intuition
 - b. Single exploit *vs.* scenario attacks
 - c. Correlation problem
 - d. Example: *rsh* connection spoofing
 - e. Capabilities and concepts
 - f. Some features of the model
 - g. JIGSAW language overview

¹This is available in the Resources area of SmartSite; look in the folder “Handouts”