95-768: Defensive Hacking - Tactical and Strategic

Homework 1

Due: March 19, 2012 5:30pm Eastern time

Working on the machine assigned to your group, do the following on the virtual machines supported there.

1. Select one of the following hacking tactics in coordination with the other team members and apply the attack against the virtual web server on your team’s machine.
   1. SQL insertion
   2. Directory traversal
   3. Split HTML
   4. CGI bin
   5. Behavior Analysis
2. Describe (in one paragraph) why you chose that specific tactic.
3. Describe (in about 2-3 paragraphs) at least one potential impact of this web tactic against an organization’s network (hint: see the course slides).
4. Describe (in about one paragraph) whether your attack was successful (include screen shots, if possible) or not (and describe at least one factor that appeared to interfere with your attack).
5. Describe (in about 2-3 paragraphs) at least two implications that an organization could learn about defending their network based on using such a web attack.