95-768: Defensive Hacking - Tactical and Strategic

Homework 2

Due: April 2, 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 servers on your team’s machine.
   1. DNS Probing
   2. DNS Cache Poisoning
   3. False Email
   4. Password Cracking against the file server
   5. Ping Flooding against the file server
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 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 or scripts, 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 an attack.