

**CMPSCI 177 - Computer Security  
Fall 2009**

**First Homework - Security Terms and Obtaining Security Information**

Due: 5 OCT 09 2:00pm

**Part I**

Answer questions 1,4,11,18 and 21 at the end of Chapter 1 in Bishop's text.

**Part II**

1. Your task is to find out the details of the IIS Server vulnerability. In particular, what is the vulnerability (i.e., what feature, etc. failed)? Also, what vendors were affected?
2. Is there a patch for this vulnerability?  
If yes, who generated the patch? Does it fix all occurrences of the vulnerability identified in question 1, above?  
If no, why not?
3. What is a "zero-day exploit"? Was the IIS Server vulnerability a zero-day exploit?  
If yes, who discovered it?  
If no, why not?
4. Look at Microsoft security advisory 975191. Is there a patch provided in this advisory? If not, how does Microsoft suggest dealing with the vulnerability.