

## CSH6 CH 17 REVIEW QUESTIONS

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1. How do software manufacturers sign their code?
2. In discussions of security, what is a `_sandbox_`?
3. What was the name of the ActiveX control written by Fred McLain in 1996 that shut down computers as a demonstration of excessive control of users' systems?
4. Which of the following is an example of a language typically used in mobile code?
5. Who was the criminal named in this chapter that used botnets to infect thousands of systems and was caught by the FBI in the Bot Roast II operation?
6. Which of the following is/are (a) reasonable recommendation for reducing risks from mobile code on the server side?
7. Which of the following is/are (a) reasonable recommendation for reducing risks from mobile code on the client side?
8. What is the name applied to a restricted operating environment that prevents mobile code from accessing anything beyond its limited requirements?
9. What is Java in computer science?
10. What is the principle assumption behind using mobile-code signatures as a basis for trusting mobile code?
11. What is the name of the technology which allows one to instantiate a desktop for a specific purpose in isolation and then delete it when finished?
12. Who demonstrated an ActiveX control in 1997 that subverted Quicken to initiate a fraudulent money transfer?
13. Which of the following errors is/are (an) example(s) of a flawed security architecture?
14. Which of the following illustrate(s) `_mobile code_`?
15. What did John Shiefer ("acidstorm") do in 2007?
16. How do developers authenticate their code using Authenticode?
17. Which of the following is/are (a) possible goal of the sender of hostile mobile code?
18. What is the name of the system in which developers obtain a digital certificate from Microsoft's certificate authority and sign their mobile code to assert its safety?
19. Which of the following defines `_mobile code_`?
20. Which of the following descriptions is consistent with the definition of an enclave in discussions of mobile code?
21. Which of the following is a covert effect of hostile mobile code?
22. Which of the following is/are (a) fundamental problem with the code-signing model for assuring the trustworthiness of signed code?
23. Which of the following is an obvious effect of hostile mobile code?
24. Who developed Authenticode?
25. Which of the following is/are (a) reasonable recommendation for reducing risks from mobile code on the developer side?
26. Who issued digital certificates for signing ActiveX controls to imposters in 2001?
27. What is one of the recommendations about Windows defensive measures that can reduce risks from mobile code?
28. What is the fundamental problem with the ActiveX security model?
29. Which of these systems use(s) applets?
30. How do malicious-code authors use other people's software for their malicious purposes?

