Activity 8: Part 3

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How are Software Vulnerabilities Discovered?

a.Research resources for “How to Find Zero Day Exploits." Describe the value of “Monkey Testing” in the software development process.

b.Describe how a fuzzing program, such as Radamsa, creates data that is like a “smart monkey.”

c.Based on features of operating systems security, what types of application crashes would be interesting to a person trying to create an exploit of a vulnerability of an application?

d.Explain the following phrase: “A known vulnerability is a necessary condition, but not a sufficient condition, for an exploit.” What next step needs to be completed after a vulnerability is discovered in order for a hacker to utilize the program flaw?