Secure Scripting

**assessment questions**

### Unit 1. The Basics

Learning Objective 1.1

1. In which of the following situations would scripting be more appropriate than writing a compiled program?

1. You need to carry out a computation that requires high performance and must be as quick as possible.
2. You need to carry out an administrative task repeatedly, and the task does not require maximum efficiency.
3. Your task requires the use of several specialized libraries (modules) that have interfaces designed for programs written in C (Java).
4. Your computational task requires use of a low-level resource.

Answer: b. Compiled programs are faster than scripts, so a is wrong. Calling specialized libraries in a given programming language is best done using that language (or a compatible one), so c is wrong. Shell scripts work at the user level, so low-level resources must be accessed using other programs, so d is wrong. Scripts are typically used for administrative tasks that must be repeated and for which speed is not critical, so b is correct.