14.3 Bash Scripting Logic

As you study this section, answer the following questions:

- What constructs are used for branching in a bash script?
- What is the difference between the if/then/elif/fi construct and the case/esac construct?
- What constructs are used for looping in a bash script?
- What is the difference between the while, until, and for constructs?
- How are exit codes used?

In this lesson, you will learn to:

- Employ branching constructs in a bash script.
- Employ looping constructs in a bash script.
- Employ exit codes in a bash script.

Key terms for this section include the following:

Term	Definition
Branching	The logic in a bash script that performs different actions based on a specific condition or user input.
Looping	The logic in a bash script that repeatedly runs a set of commands according to a specific set of conditions.
Exit code	A value that is set when a bash command or script is executed.

This section helps you prepare for the following certification exam objectives:

Exam	Objective
CompTIA Linux+	5.1 Given a scenario, deploy and execute basic BASH scripts. - Exit codes - Looping constructs - while - for - until - Conditional statements - if - case