

Real-World Scenario 4-2: Stopping Services in the Command-Line

Scenario: You have found that working in the GUI is good, but working in the command-line can be better. Besides, you almost always have a command-line interface (CLI) open, and you can type quickly, so it makes sense to use the CLI as often as possible. You know that unnecessary services can be vulnerabilities to your systems, so you decide to reduce the size of the attack surface by stopping and disabling services—and you do this from the CLI.

Demonstrate that you can stop services in the Windows Command Prompt (such as the Windows Firewall), as well as services in the Linux CLI (such as an Apache web server if installed). Specific commands and syntax will vary depending on the version of the operating system you are working in.

Real-World Scenario 4-2 Solution

Stopping services is an extremely important skill for a security administrator (not to mention it's important to know for the Security+ exam). As an IT person, you should feel at home in the command-line. Running commands, scripting, and testing network connections are all part of a day's work in the computer world. From a security standpoint, some things that cannot be accomplished in the GUI *can* be performed in the command-line.

To stop a service such as the Windows Firewall in Windows, use the following syntax:

```
net stop mpssvc
```

or

```
sc stop mpssvc
```

To stop a service in Linux (for example, stopping the udevmonitor service in Ubuntu), use the following syntax:

```
sudo stop udevmonitor
```

Be prepared to enter the administrator password because you have invoked the `sudo` option.

Video Solution: Watch the video solution "4-2: Stopping Services in the Command-Line." This goes into a bit more depth and shows a few more commands, and it deals with processes.

Simulation: Complete the simulation "4-2: Stopping Services in the Command-Line."