

Linux Fundamentals

Question 1: The root directory stores all folders and files. You can have all sorts of information stored within the root directory. One of the most sensitive files you can have is the “users” files. It is essential for system administrators to and security analysts to analyze this directory because this directory is the administrator. This means that if someone were to get unauthorized access to this directory, they would be able to modify files at will. This is basically kernel level access with elevated privileges.

Question 2: The /tmp directory in Linux, is used to store data that's used by the system as well as user applications. This data is stored for a short period of time. The tmp is short for temporary. The files are managed by first of all the command line interface if you are in the terminal. Second, its managed by a writable file that is RAM and flushed out on each reboot. The TMP is not saved, that means that the TMP is not persistent.