8.7 Disk Quotas

As you study this section, answer the following questions:

- What is the difference between a soft block limit and hard block limit?
- What is the difference between block quotas and inode quotas?
- What tool do you use to create the aquota.user and aquota.group files in the file system?
- How would you generate a quota report to display how much space is used by users on the system?

In this section, you will learn to:

- Find the user quota.
- Generate a quota report.
- Turn quotas on and off.
- Edit quotas.

Key terms for this section include the following:

Term	Definition
Disk quota	Prevents a user or group from using a disproportionate amount of disk space on a volume.

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

Exam	Objective
TestOut Linux Pro	2.2 Manage the file system • Implement disk quotas

CompTIA Linux+	1.4 Given a scenario, manage storage in a Linux environment.
	
	• Location
	    ○ /etc/sftab
	
	2.2 Given a scenario, manage users and groups.
	
	• Quotas
	    ○ User quota
	    ○ Group quota
	
	4.3 Given a scenario, analyze and troubleshoot user issues.
	
	• File creation
	    ○ Quotas