Intro to Linux Guided Notes

Lesson 1.2.2 - File Compression, Archiving, and Backup

Name: _____ **Class:** _____ **Date:** _____

1.   What are the primary purposes of file compression, archiving, and creating backups?

2.   What is the significance of backups, and what types of backups exist?

3.   What is a Snapshot clone?

4.   What is the recommended approach for data protection using different backup methods?

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5. How do cpio, tar, and dd utilities contribute to archiving files in Linux?

6. What is the command to create an uncompressed tar archive file and a compressed tar file (tarball)?

7. What are some popular compression utilities on Linux?

8. Let's say you have a drive called /dev/sda1 with lots of important data on it. You want to make a copy of that drive into a drive called /dev/sda2. Assuming both drives are unmounted, what is the proper dd command to make sure you are copying the correct drive to the correct destination?

9. What is the role of the zip utility in file compression, and how does it differ from other compression methods?

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