

J1.2.2 - Quiz - File Compressing and Archiving

Amanda Success (Period 9) (replace with your information)

Monday December 25, 2023

Seat 99 (Grade level 13)

Cyber Capstone

0. What is metadata?

- A. Data that describes other data
- B. Data used for creating websites
- C. Data stored in the cloud
- D. Data used for file compression

___ <- Type answer here

1. What is the primary purpose of file compression, archiving, and creating backups in Linux?

- A. Enhancing system performance
- B. Saving disk space and ensuring data integrity
- C. Speeding up network transmission
- D. Removing unnecessary files

___ <- Type answer here

2. What type of backup serves as a clone of the operating system and configuration?

- A. Full Backup
- B. Incremental Backup
- C. Differential Backup
- D. System Image

___ <- Type answer here

3. What is the drawback of a Full Backup?

- A. It takes less time
- B. It requires less storage space
- C. It is time-consuming
- D. It only copies modified data

___ <- Type answer here

4. What does a Differential Backup back up?
- A. Everything on the system
 - B. Only modified data since the last full backup
 - C. Only modified data since the last incremental backup
 - D. Only system configurations

___ <- Type answer here

5. What is a Snapshot in the context of backups?
- A. A full backup with read-only access
 - B. A variation of backing up focused on metadata
 - C. A compressed backup file
 - D. A real-time backup

___ <- Type answer here

6. What is a Snapshot Clone often paired with?
- A. Incremental Backup
 - B. Full Backup
 - C. Differential Backup
 - D. Snapshot Backup

___ <- Type answer here

7. Which utility is used for archiving and requires specific options when restoring from a different directory?

- A. tar
- B. cpio
- C. dd
- D. gzip

___ <- Type answer here

8. What does the tar utility stand for?

- A. Tape Archiver
- B. Text Archiver
- C. Time Archiver
- D. Tree Archiver

___ <- Type answer here

9. What is the purpose of file compression?

- A. Removing unnecessary files
- B. Enhancing system performance
- C. Saving disk space by eliminating data redundancies
- D. Reducing network latency

___ <- Type answer here

10. Which utility offers a higher compression rate and has options to adjust the compression rate?

- A. gzip
- B. bzip2
- C. xz
- D. zip

___ <- Type answer here