

File Compression and Archiving Commands

Commands	Description	Options	Examples
tar	Create or extract archive files.	<ul style="list-style-type: none">• -c: Create a new archive.• -x: Extract files from an archive.• -f: Specify the archive file name.• -v: Verbose mode.• -z: Compress the archive with gzip.• -j: Compress the archive with bzip2.	<ul style="list-style-type: none">• tar -czvf archive.tar.gz files/ creates a compressed tar archive named “archive.tar.gz” containing the files in the “files/” directory.

gzip	Compress files.	<ul style="list-style-type: none">• -d: Decompress files.	<ul style="list-style-type: none">• gzip file.txt compresses the file “file.txt” and renames it as “file.txt.gz”.
zip	Create compressed zip archives.	<ul style="list-style-type: none">• -r: Recursively include directories.	<ul style="list-style-type: none">• zip archive.zip file1.txt file2.txt creates a zip archive named “archive.zip” containing “file1.txt” and “file2.txt”.