File Management Commands

ls	List files and directories
cd	Change directory
mkdir	Make directory
touch	Create a new empty file
cp	Copy a file or directory
mv	Move or rename a file or directory
rm	Remove a file or directory
chmod	Change file permissions
chown	Change file ownership

System Information Commands

uname	Print system information
hostname	Print the name of the current host system
top	Show system processes and resource usage
free	Show system memory usage
df	Show disk usage
du	Show disk usage of specific files or directories
whoami	who are you logged in as

User Management Commands

adduser	Add a new user account
deluser	Remove a user account
passwd	Change a user's password
usermod	Modify a user's account information
groupadd	Add a new user group
groupdel	Remove a user group
su	Switch user to become another user

vim

i	Used to enter insert mode, where text can be inserted
:wq	Used to save changes and quit Vim
:q	Used to quit Vim
:q!	Used to force quit Vim without saving changes
gg	Used to jump to the beginning of the file
G	Used to jump to the end of the file

SSH

ssh	Used to connect to a remote server using SSH
ssh-keygen	Used to generate public and private SSH keys for authentication purposes
ssh-copy-id	Used to copy SSH keys to a remote server for passwordless authentication
ssh-add	Used to add a private key to the SSH authentication agent
ssh-agent	Used to manage the SSH authentication agent

Network

ifconfig	Used to configure and display network interface information
ip	A more modern and flexible tool for managing network interfaces, routes, and tunnels
ping	Used to test network connectivity and latency by sending packets to a remote host
netstat	Used to display active network connections, routing tables, and network statistics
traceroute	Used to display the route packets take to reach a remote host
dig	Used to perform DNS queries and display DNS information
tcpdump	Used to capture and analyze network traffic

Package Management Commands

apt-get	Install, remove, and update packages
apt-cache	Search and display package information

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