

Working at the Command Line



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Exam Objectives



Identify the component of Linux that a file belongs to

Log into GUI and text consoles

Create, copy and delete files

Identify different file types

Create hard and soft links

Consoles

Physical TTY

Local Pseudo TTY

**Remote Pseudo
TTY**



In Linux, both user names
and passwords are case-
sensitive



Demo



Access consoles in CentOS 7

GUI login

SSH login

Physical consoles



Demo: Listing Files



Demo: Identify File Types



Demo: Working with Files



Demo: Working with Directories



Demo: Working with Links



ls -l

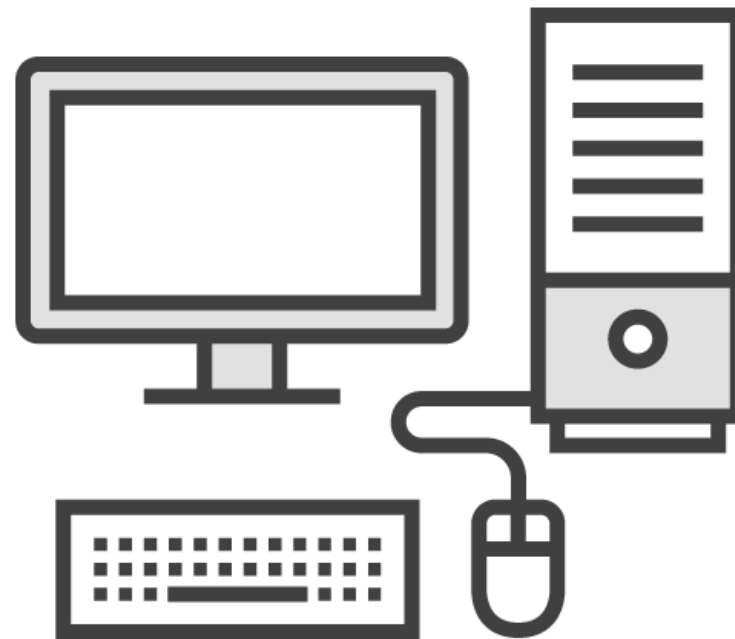
ls -i

ls -lh

ls -a

ls -ltr

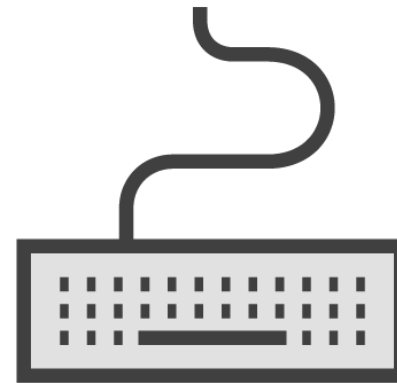
ls -F



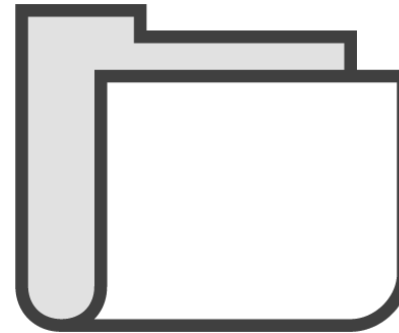
Regular Files
Directories
Symbolic Links
Block Devices
Character Devices
Named Pipes
Sockets



cp
mv
rm
-i
-r | R
*
?
[]



`mkdir`
`mkdir -p`
`mkdir -m`
`rmdir`
`rm -rf`
`cp -R sales`

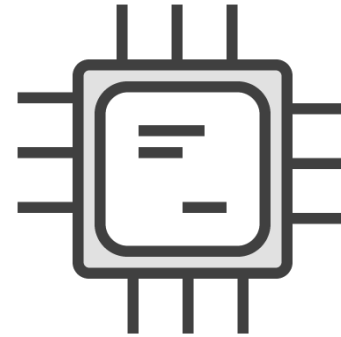


Hard link count

dot + dot dot

ln

ln -s



Next Up: Reading from files

