

Filesystem Types

Graded Assessments

Graded App Item: Partitioning and Formatting a Disk Drive in Windows Submitted

Graded App Item: Partitioning and Formatting a Disk Drive in Linux Submitted

Quiz: Filesystems 10 questions

Congratulations! You passed!

Grade received 82.50%
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Quiz • 30 min

To pass 80% or higher

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1. What component of the disk is partitioned?

1 / 1 point

Try again

- ☒ The partition table
- ☐ The filesystems grid
- ☐ The swap
- ☐ The master boot record

Correct

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2. How many GPT partitions can you have on a disk?

1 / 1 point

- ☐ Four
- ☒ As many as you want
- ☐ Sixteen
- ☐ Five
- Correct

3. When partitioning a disk and formatting a filesystem, what happens if you choose the "full format" option? Select all that apply.

0.75 / 1 point

- ☒ The formatting process will take longer.
- Correct
- ☐ The allocation unit size will be larger.
- ☒ Windows will scan the target drive for errors and bad sections.
- Correct
- ☒ The formatting process will complete in less time.
- ☒ This should not be selected
- Please review the video on [how to partition and format a filesystem in Windows](#).

4. In Linux, when running parted in interactive mode, what happens when you enter the command mklabel gpt?

1 / 1 point

- ☐ You rename the selected disk.
- ☒ You specify a partition table type for the selected disk.
- ☐ You specify the file system format for a partition on the selected disk.
- ☐ You mount a partition on the selected disk.
- Correct

5. What can the Windows Memory Manager do? Select all that apply.

0.5 / 1 point

- ☒ Map virtual memory to physical memory
- Correct
- ☒ Format and partition memory
- ☒ This should not be selected
- Please review the video on [virtual memory and memory management in Windows](#).
- ☒ Copy pages of memory to be read as needed by programs
- Correct
- ☒ Stores the user's favorite photo memories in a virtual album
- ☒ This should not be selected
- Please review the video on [virtual memory and memory management in Windows](#).

6. What is a swap file or swap space?

1 / 1 point

- ☒ A dedicated area of the hard drive used for virtual memory
- ☐ A file that acts as a drive partition
- ☐ An online forum for swapping files
- ☐ An Exchange file
- Correct

7. What file attributes are stored in the Master File Table (MFT)? Select all that apply.

0.75 / 1 point

- ☒ File creation time stamps
- Correct
- ☒ Whether or not a file is read-only
- Correct
- ☒ File data locations
- Correct
- ☒ Language used in the file data
- ☒ This should not be selected
- Please review the video on [how Windows stores and represents files](#).

8. How does a Linux hardlink link to another file?

0 / 1 point

- ☒ By referencing the other file's name
- ☒ This should not be selected
- Please review the video on [how Linux stores and represents files](#).
- ☒ By referencing the other file's physical location on the hard drive
- Correct
- ☒ By referencing the other file's inode
- Correct
- Please review the video on [how Linux stores and represents files](#).
- ☒ By referencing a copy of the other file
- ☒ This should not be selected
- Please review the video on [how Linux stores and represents files](#).

9. Which of the following are common risks for file corruption?

0.75 / 1 point

- ☒ Sudden computer shut offs
- Correct
- ☒ System failures
- Correct
- ☒ Software bugs
- Correct
- ☒ Hitting the eject button in the OS
- ☒ This should not be selected
- Please review the video on [how to repair a Windows filesystem](#).

10. What might occur if you were to run fsck on a mounted partition?

1 / 1 point

- ☐ It will repair the partition 100% of the time.
- ☐ It may change the files on the partition to read-only.
- ☐ It might rename the partition.
- ☒ It could damage the file system.
- Correct