Demo Questions

CompTIA 220-1002 Exam

CompTIA A+ Certification Exam: Core 2

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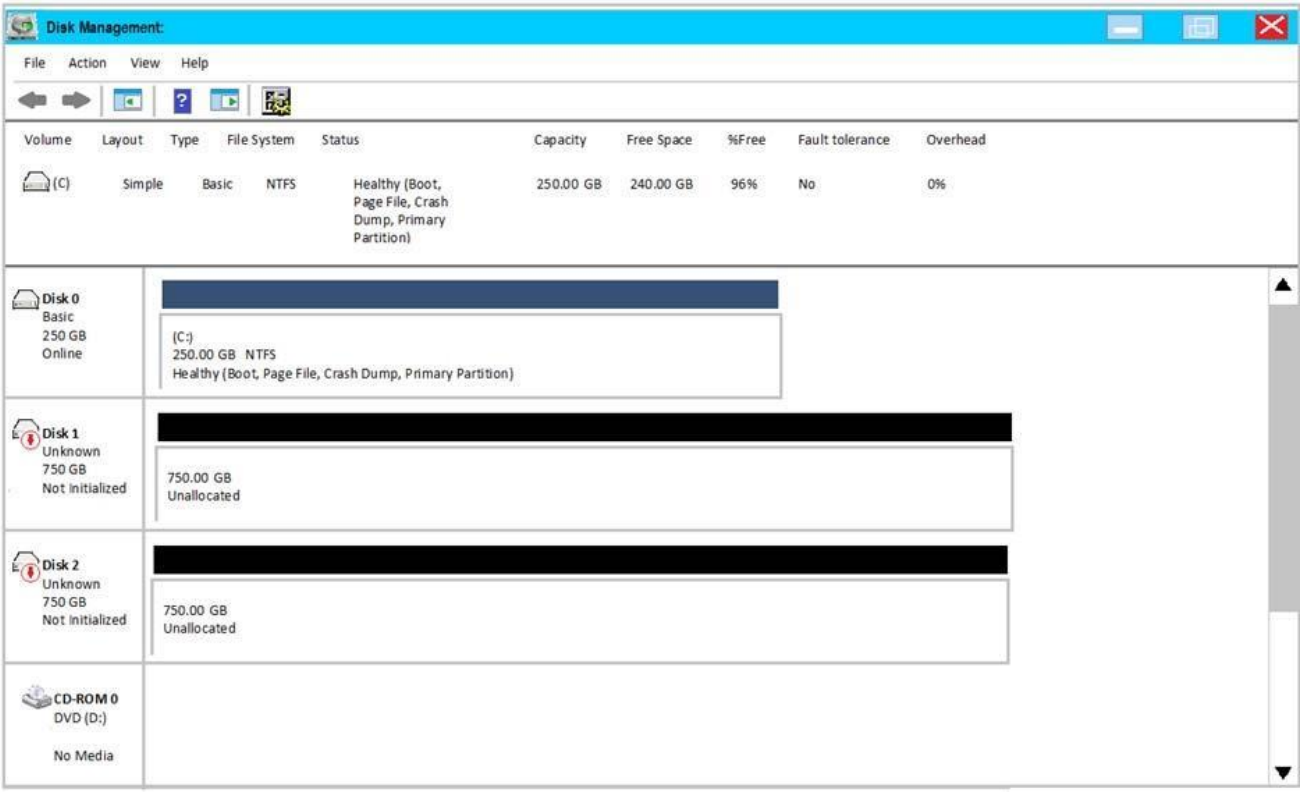
Question #1

SIMULATION -
A user has installed two new drives in one of the computers in the computer lab and has been unable to format Disk1 from the command prompt.
The lab requires that Disk1 be a dynamic disk configured with two partitions. The first partition must be 256,000 MB in size and mapped to drive F. The second partition must be 512,000 MB in size and mapped to drive G.
The new partitions must be formatted to ensure that user's files can be secured from other users and that the disk must be configured to account for future redundancy.
Make sure to maintain a consistent file system.

INSTRUCTIONS:

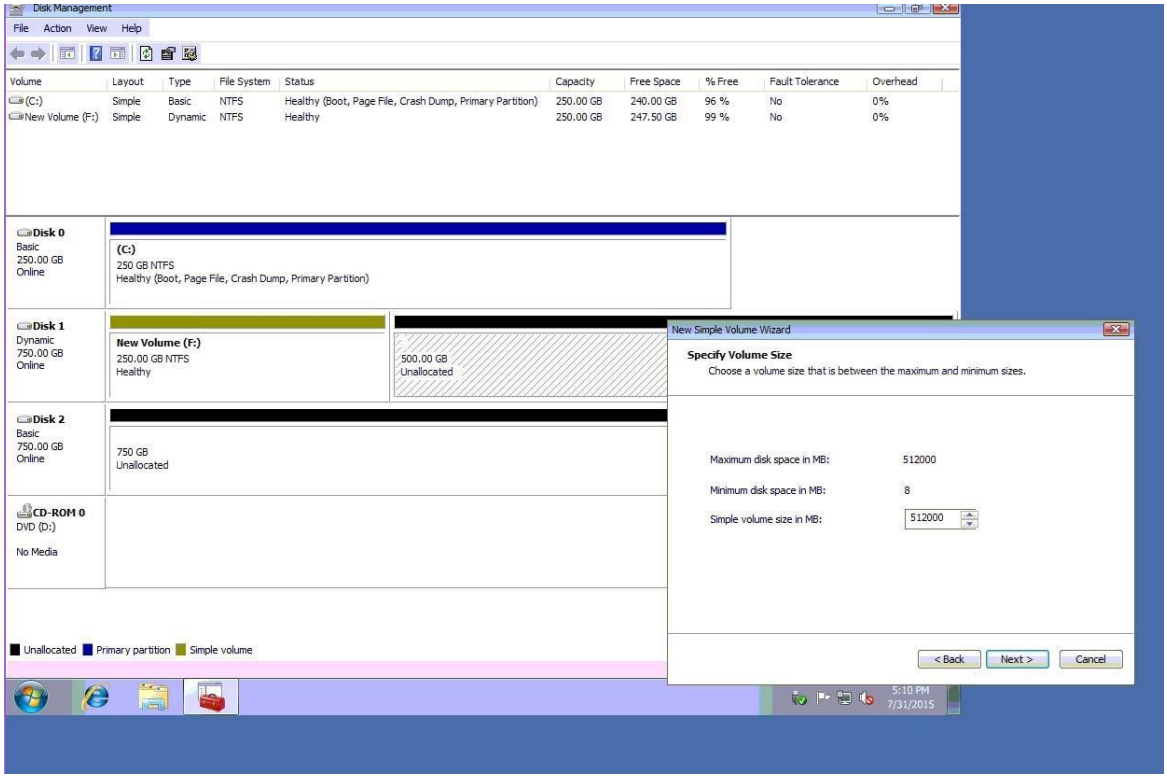


Correct Answer: *Please review explanation for detailed answer.*

Please review explanation for detailed answer.

- Right click on disk 1, click on initialize
- Choose disk and option as MBR. Hit ok.
- Again, right click on disk 1 and choose convert to dynamic disk.
- Now right click on disk 1 and choose new simple volume.
- Specify storage as 256000 and assign a drive letter F and choose file system as NTFS and click finish.
- Do the same thing for rest of space of disk 1, assigning 512000MB and using Disc G

Here are the screen shots showing this process:


Disk Management
File Action View Help
Volume Layout Type File System Status Capacity Free Space % Free Fault Tolerance Overhead
(C:) Simple Basic NTFS Healthy (Boot, Page File, Crash Dump, Primary Partition) 250.00 GB 240.00 GB 96 % No 0%
New Volume (F:) Simple Dynamic NTFS Healthy 250.00 GB 247.50 GB 99 % No 0%
Disk 0
Basic
250.00 GB
Online
(C:)
250 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1
Dynamic
750.00 GB
Online
New Volume (F:)
250.00 GB NTFS
Healthy
500.00 GB
Unallocated
Disk 2
Basic
750.00 GB
Online
750 GB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated Primary partition Simple volume
New Simple Volume Wizard
Specify Volume Size
Choose a volume size that is between the maximum and minimum sizes.
Maximum disk space in MB: 512000
Minimum disk space in MB: 8
Simple volume size in MB: 512000
< Back Next > Cancel
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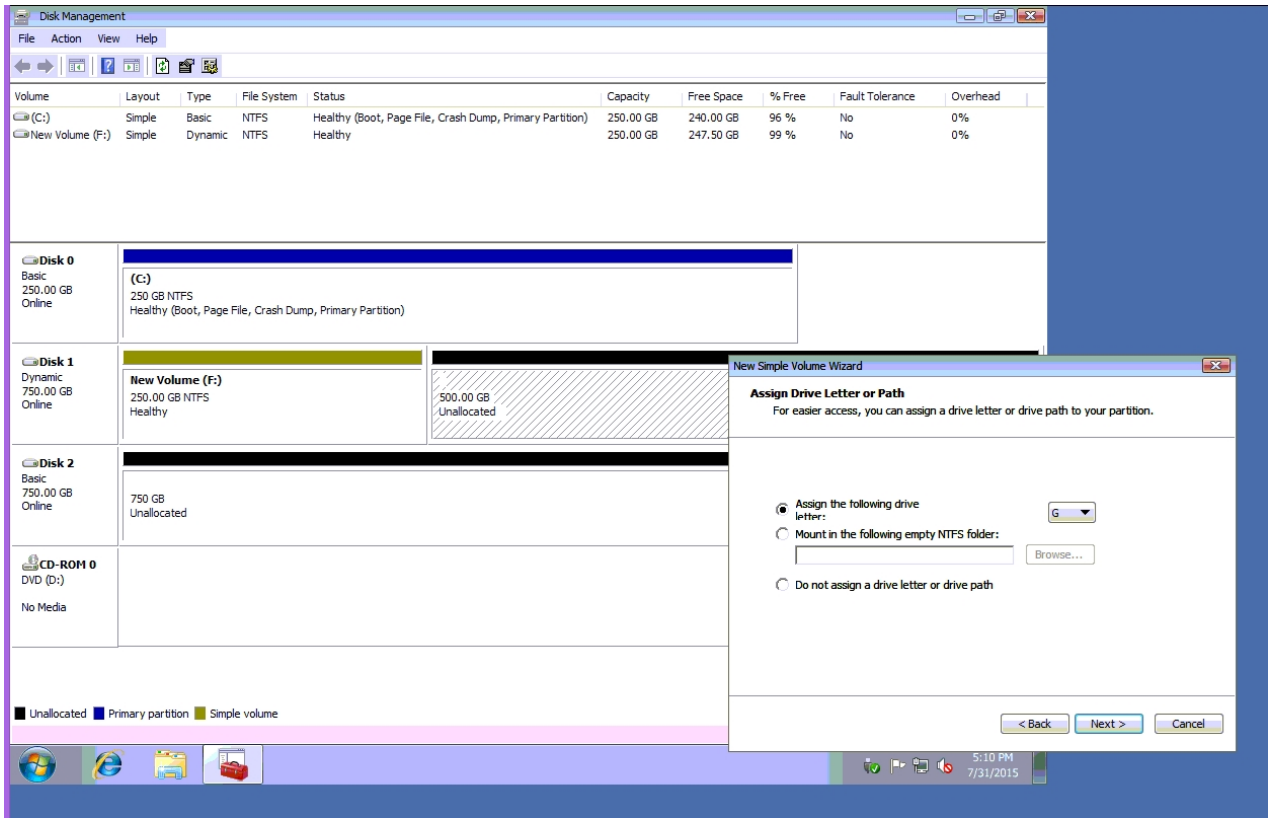
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Disk 0
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250.00 GB
Online
(C:)
250 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1
Dynamic
750.00 GB
Online
New Volume (F:)
250.00 GB NTFS
Healthy
500.00 GB
Unallocated
Disk 2
Basic
750.00 GB
Online
750 GB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated Primary partition Simple volume
New Simple Volume Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter: G
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back Next > Cancel
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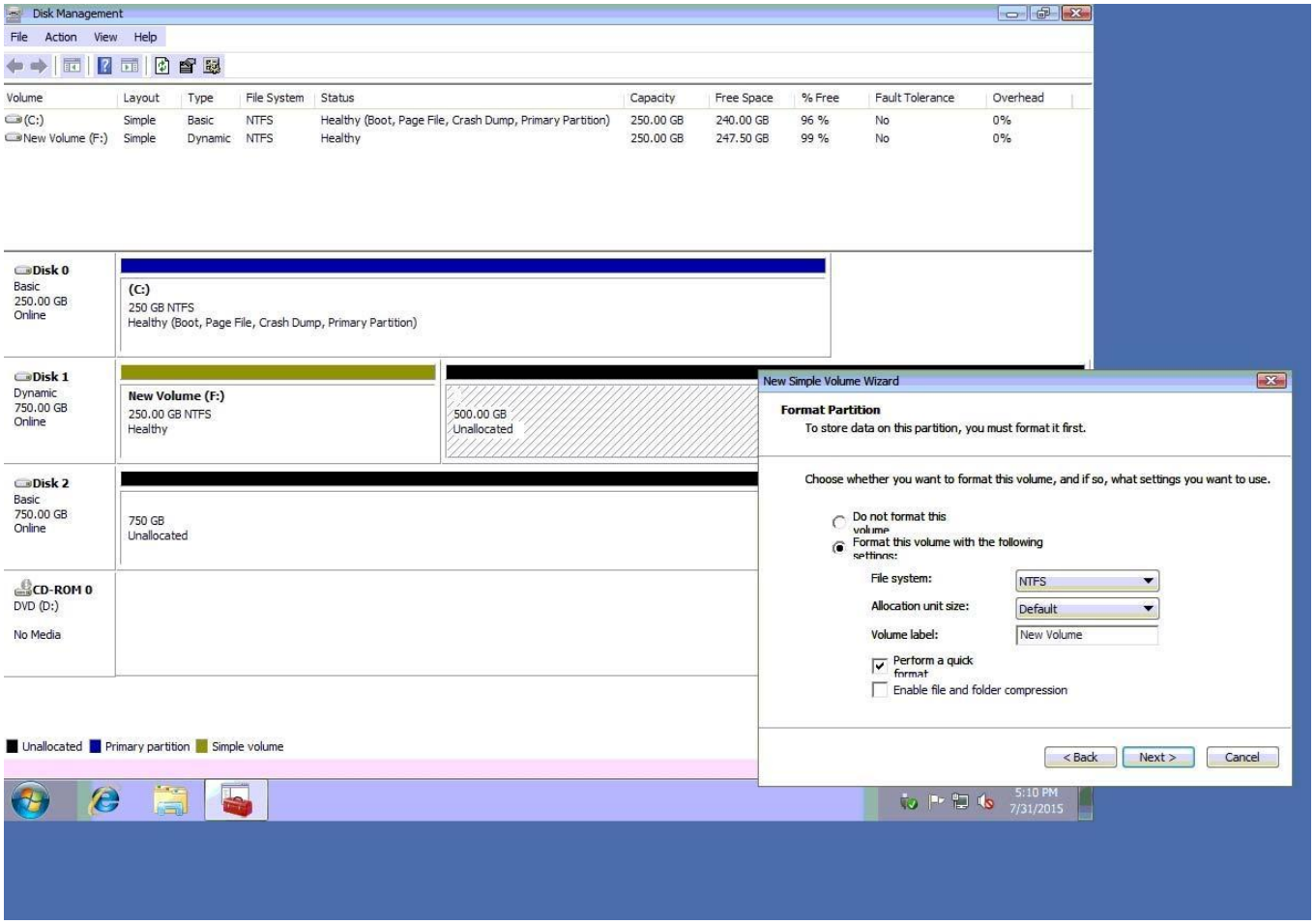
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Disk 0
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Disk 1
Dynamic
750.00 GB
Online
New Volume (F:)
250.00 GB NTFS
Healthy
500.00 GB
Unallocated
Disk 2
Basic
750.00 GB
Online
750 GB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated Primary partition Simple volume
New Simple Volume Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this volume, and if so, what settings you want to use.
Do not format this volume
Format this volume with the following settings:
File system: NTFS
Allocation unit size: Default
Volume label: New Volume
Perform a quick format
Enable file and folder compression
< Back Next > Cancel
5:10 PM
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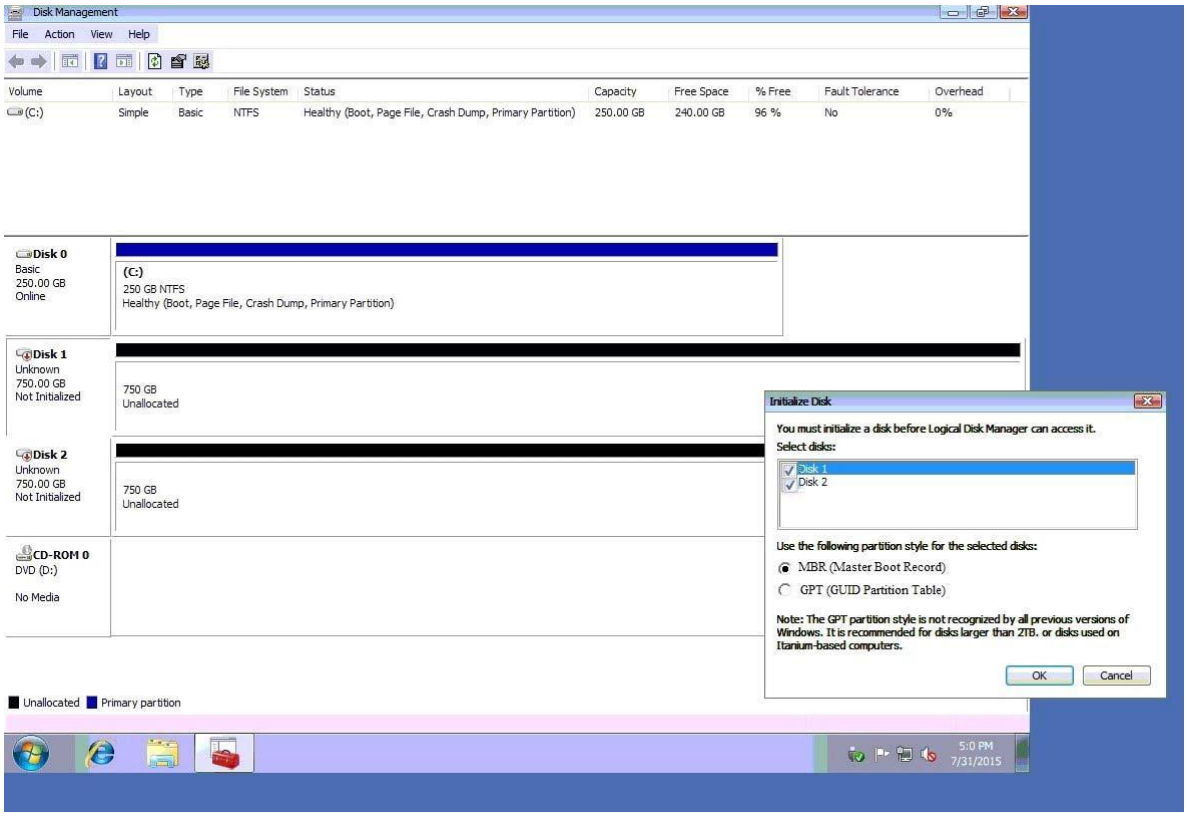
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Disk 0
Basic
250.00 GB
Online
(C:)
250 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1
Unknown
750.00 GB
Not Initialized
750 GB
Unallocated
Disk 2
Unknown
750.00 GB
Not Initialized
750 GB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated
Primary partition
Initialize Disk
You must initialize a disk before Logical Disk Manager can access it.
Select disks:
Disk 1
Disk 2
Use the following partition style for the selected disks:
MBR (Master Boot Record)
GPT (GUID Partition Table)
Note: The GPT partition style is not recognized by all previous versions of Windows. It is recommended for disks larger than 2TB. or disks used on Itanium-based computers.
OK
Cancel
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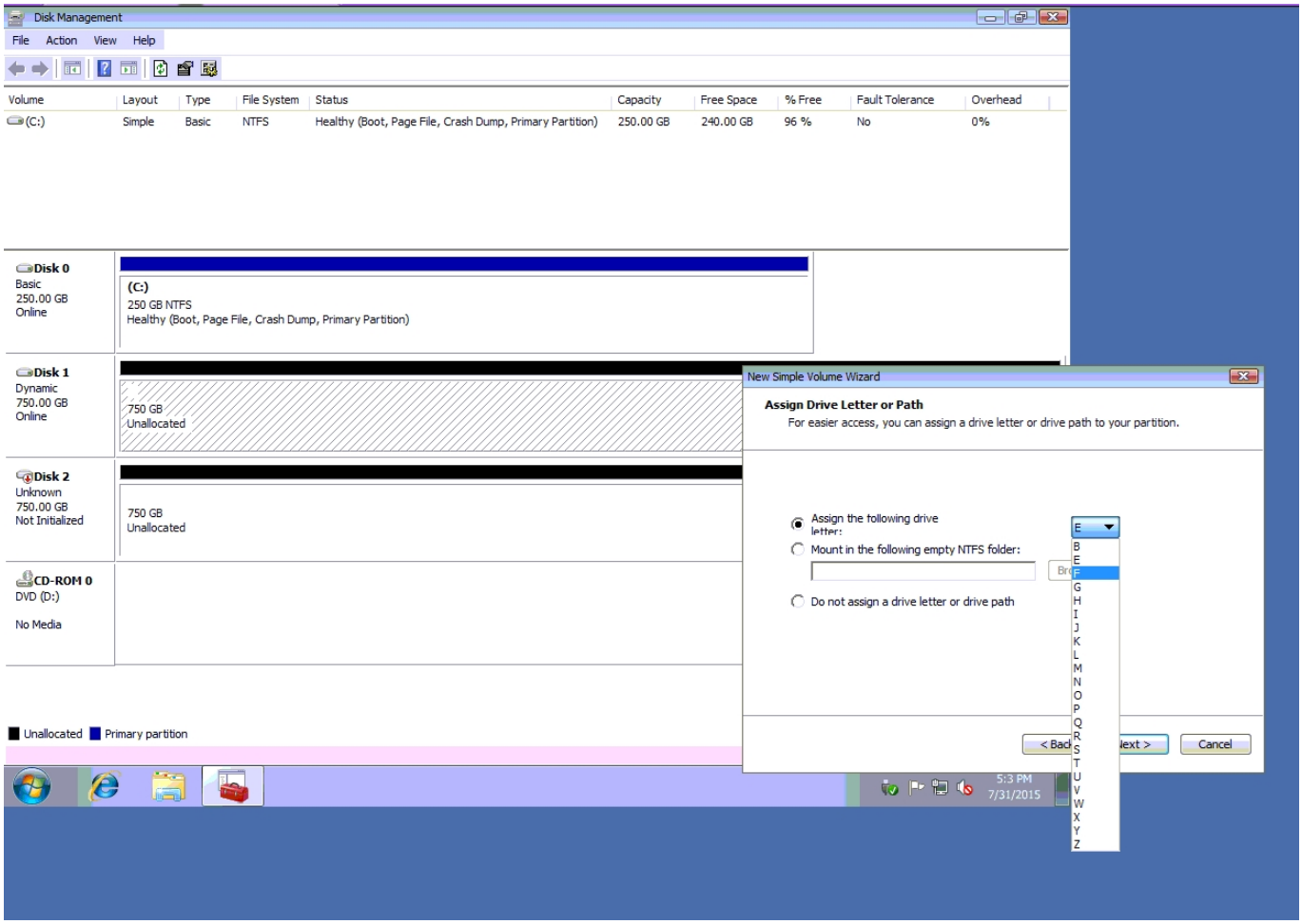
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750.00 GB
Online
750 GB
Unallocated
Disk 2
Unknown
750.00 GB
Not Initialized
750 GB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated
Primary partition
New Simple Volume Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter:
Mount in the following empty NTFS folder:
Do not assign a drive letter or drive path
E
B E F G H I J K L M N O P Q R S T U V W X Y Z
< Back
Next >
Cancel
5:3 PM
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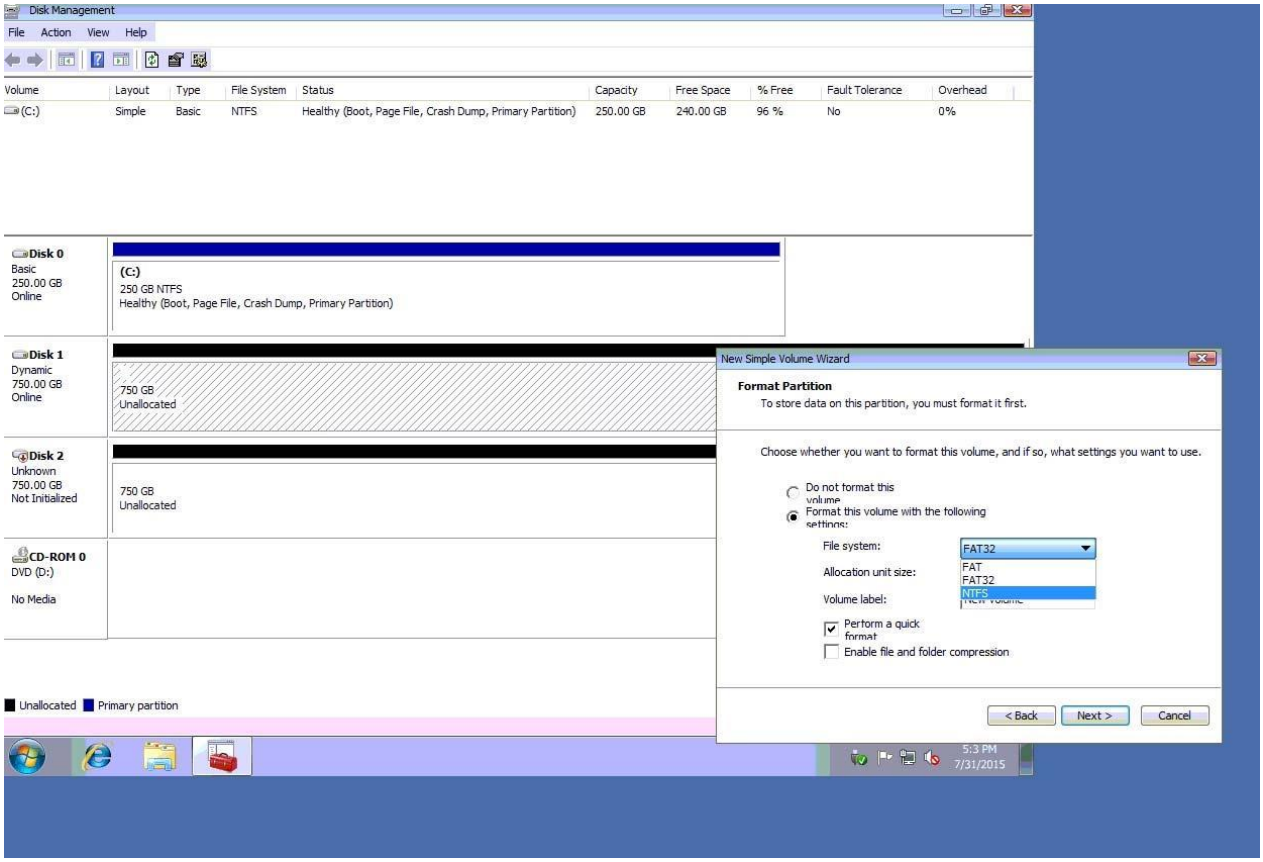
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750 GB
Unallocated
Disk 2
Unknown
750.00 GB
Not Initialized
750 GB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated
Primary partition
New Simple Volume Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this volume, and if so, what settings you want to use.
Do not format this volume
Format this volume with the following settings:
File system:
FAT32
FAT
FAT32
NTFS
Allocation unit size:
Volume label:
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel
5:3 PM
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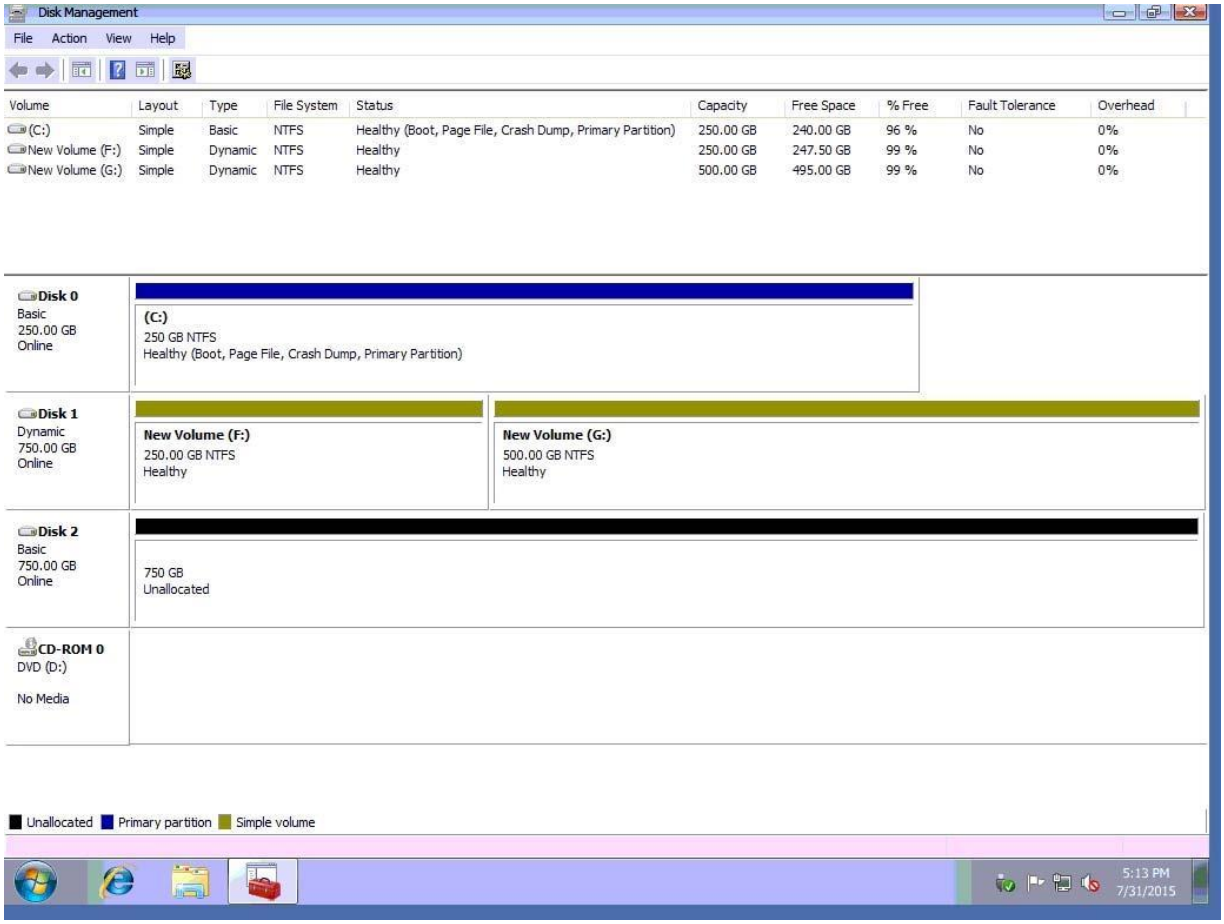
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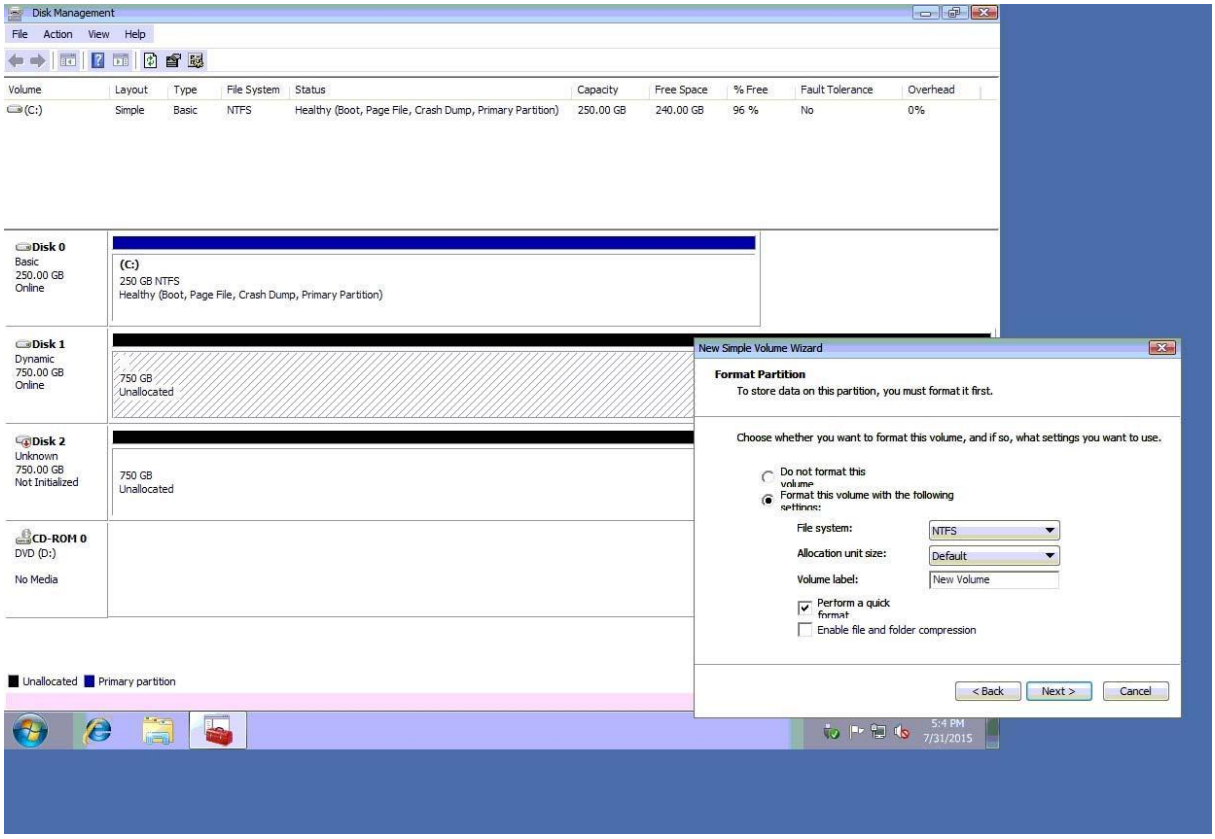
New Volume (G:) Simple Dynamic NTFS Healthy 500.00 GB 495.00 GB 99 % No 0%
Disk 0
Basic
250.00 GB
Online
(C:)
250 GB NTFS
Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1
Dynamic
750.00 GB
Online
New Volume (F:)
250.00 GB NTFS
Healthy
New Volume (G:)
500.00 GB NTFS
Healthy
Disk 2
Basic
750.00 GB
Online
750 GB
Unallocated
CD-ROM 0
DVD (D:)
No Media
Unallocated Primary partition Simple volume
5:13 PM
7/31/2015



Question #2

A technician arrives on site to find that two users who have the same model on Android smartphone are having the same issue with a specific application.
Whenever they attempt to launch the application, it fails and gives an error message. Which of the following should the technician do FIRST?

- A. Reinstall the application
- B. Roll back the application to the earlier version
- C. Clear the application cache
- D. Update the OS of the smartphones

Correct Answer: *D*

Question #3

A technician is working on a Windows 10 PC that is running slowly.
Which of the following commands should the technician use to correct this issue? (Select two.)

- A. dir
- B. chdsk
- C. dism
- D. ipconfig
- E. format
- F. diskpart

Correct Answer: *BC*

Question #4

An administrator is setting up a Windows terminal server. Which of the following settings should the administrator modify to increase server security? (Select two.)

- A. Change the default access port
- B. Enforce password complexity
- C. Put the terminal server into the router's DMZ
- D. Disable logon time restrictions
- E. Block all unused ports on the LAN smart switch
- F. Use the local client certificate for server authentication

Correct Answer: *CE*

Question #5

A company has hired a new IT firm to manage its network switches and routers.
The firm is geographically separated from the company and will need to able to securely access the devices.
Which of the following will provide the ability to access these devices?

- A. Telnet
- B. SSH
- C. RDP
- D. VNC

Correct Answer: *B*

Question #6

A small office's wireless network was compromised recently by an attacker who brute forced a PIN to gain access. The attacker then modified the DNS settings on the router and spread malware to

the entire network.
Which of the following configurations MOST likely allowed the attack to take place? (Select two.)

- A. Guest network
- B. TKIP
- C. Default login
- D. Outdated firmware
- E. WPS
- F. WEP

Correct Answer: *CF*

Question #7

A client wants a technician to create a PC naming convention that will make the client's PCs easier to track and identify while in use. Which of the following naming convention formats should the technician follow?

- A. Domain name, location, IP address
- B. Domain name, location, asset ID
- C. Asset ID, MAC address
- D. Location, RFID

Correct Answer: *C*

Question #8

Which of the following provide the BEST security for a server room? (Select two.)

- A. Badge reader
- B. Bollard
- C. Biometric lock
- D. Cable lock
- E. USB token
- F. Privacy window shades

Correct Answer: *AC*

Question #9

Which of the following threats uses personalized information in an attempt at obtaining information?

- A. Whaling
- B. Impersonation
- C. Spoofing
- D. Spear phishing

Correct Answer: *D*

Question #10

A technician receives an invalid certificate error when visiting a website with port 443 enabled. Other computers on the same LAN do not exhibit this symptom.
Which of the following needs to be adjusted on the workstation to fix the issue?

- A. Date and time
- B. UEFI boot mode
- C. Logon times
- D. User access control

- **Correct Answer:** *A*