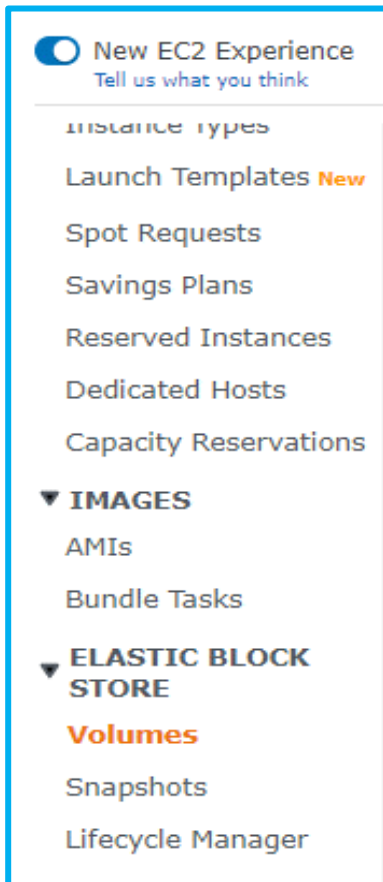


Storage Windows - Volume

Create and attach Volume to the instance

Navigate EC2->EBS->Volumes->Create Volume



Select Volume type and Size

Volumes > Create Volume

Create Volume

Volume Type General Purpose SSD (gp2) ⓘ

Size (GiB) 10 (Min: 1 GiB, Max: 16384 GiB) ⓘ

IOPS 100 / 3000 (Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS) ⓘ

Availability Zone* ap-south-1b ⓘ

Throughput (MB/s) Not applicable ⓘ

Snapshot ID Select a snapshot ⓘ ⓘ

Encryption ☐ Encrypt this volume

Key	Value
Name	NewWinVolume ⓘ

Volume Created

Create Volume

Actions

Filter by tags and attributes or search by keyword

1 to 4 of 4

	Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status	At
<input type="checkbox"/>	NewWinVolume	vol-016cf072...	10 GiB	gp2	100		January 28, 2020 at...	ap-south-1b	available	None	
<input type="checkbox"/>	WinServer_02	vol-037994e...	30 GiB	gp2	100	snap-003e315...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
<input type="checkbox"/>	WinServer_01	vol-06b4e12...	30 GiB	gp2	100	snap-0d97a0e...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
<input type="checkbox"/>	UnixServer	vol-0ada58f6...	8 GiB	gp2	100	snap-0caf909b...	January 28, 2020 at...	ap-south-1a	in-use	None	i-0

Select a volume above

Attach the volume to a instance, select Attach volume

Create Volume

Actions

Filter by tags and attributes or search by keyword

1 to 4 of 4

	Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status	At
<input checked="" type="checkbox"/>	NewWinVolume	vol-016cf072...	10 GiB	gp2	100		January 28, 2020 at...	ap-south-1b	available	None	
<input type="checkbox"/>	WinServer_02	vol-037994e...	30 GiB	gp2	100	snap-003e315...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
<input type="checkbox"/>	WinServer_01	vol-06b4e12...	30 GiB	gp2	100	snap-0d97a0e...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
<input type="checkbox"/>	UnixServer	vol-0ada58f6...	8 GiB	gp2	100	snap-0caf909b...	January 28, 2020 at...	ap-south-1a	in-use	None	i-0

Modify Volume

Create Snapshot

Delete Volume

Attach Volume

Detach Volume

Force Detach Volume

Change Auto-Enable IO Setting

Add/Edit Tags

Select Instance name

Attach Volume

Volume

vol-016cf07260df5c710 (NewWinVolume) in ap-south-1b

Instance

i-0b6edd2dbd59453c3 (WinServer_01) (running)
i-08ad72ed9ae995ade (WinServer_02) (running)

Device

Cancel

Attach

Volume attached to the selected instance

Create Volume

Actions

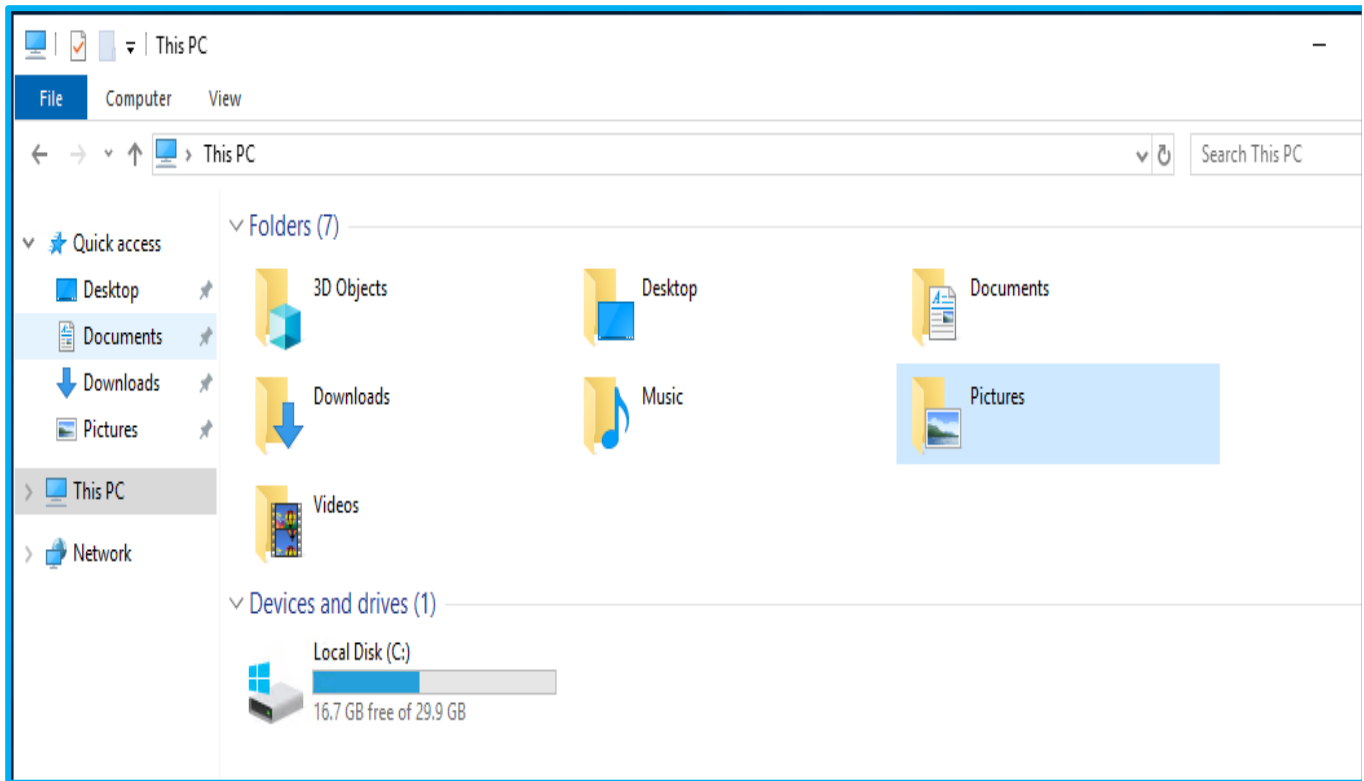
Filter by tags and attributes or search by keyword

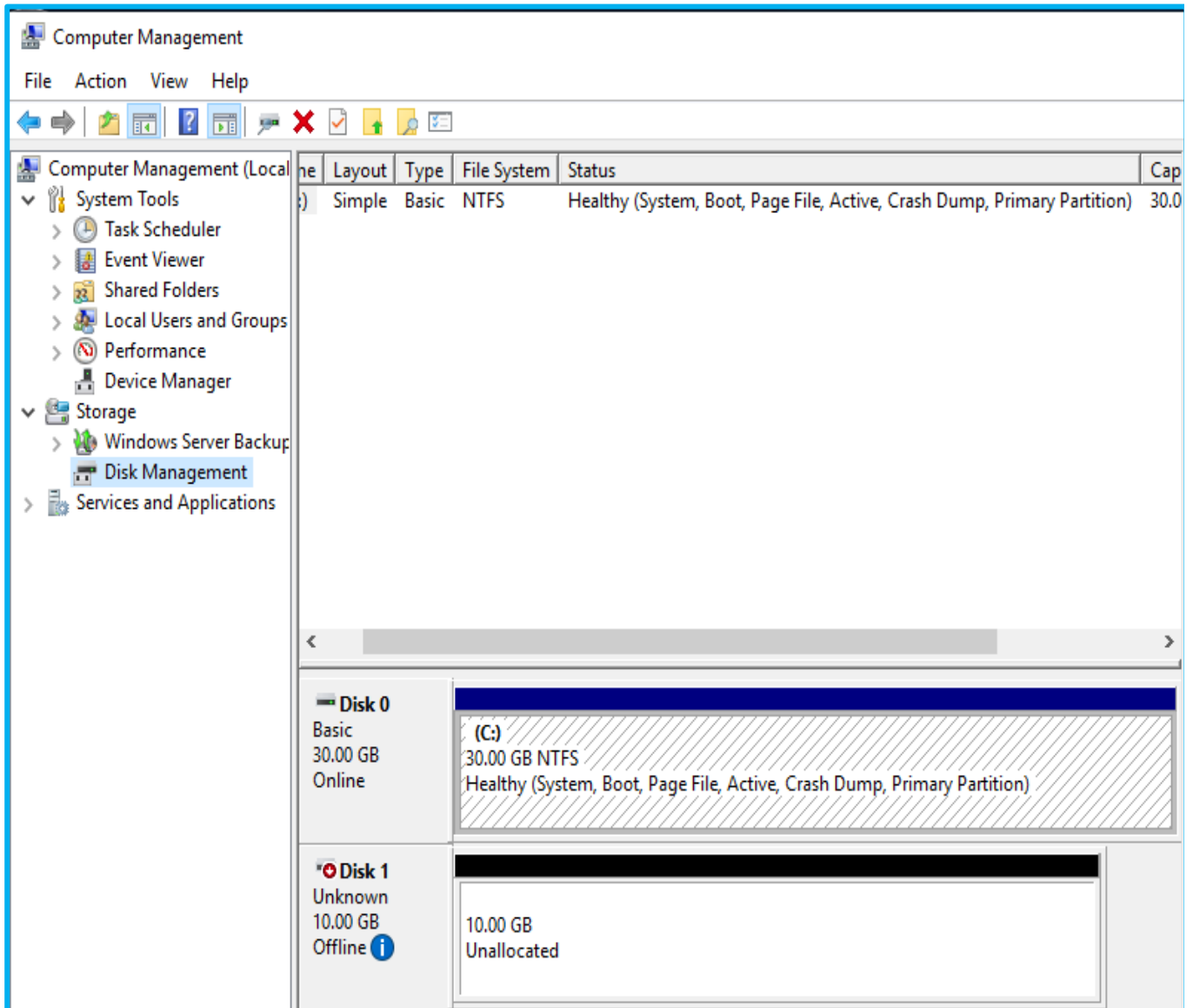
1 to 4 of 4

	Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status
<input checked="" type="checkbox"/>	NewWinVolume	vol-016cf072...	10 GiB	gp2	100		January 28, 2020 at...	ap-south-1b	in-use	None
<input type="checkbox"/>	WinServer_02	vol-037994e...	30 GiB	gp2	100	snap-003e315...	January 28, 2020 at...	ap-south-1b	in-use	None
<input type="checkbox"/>	WinServer_01	vol-06b4e12...	30 GiB	gp2	100	snap-0d97a0e...	January 28, 2020 at...	ap-south-1b	in-use	None
<input type="checkbox"/>	UnixServer	vol-0ada58f6...	8 GiB	gp2	100	snap-0caf909b...	January 28, 2020 at...	ap-south-1a	in-use	None

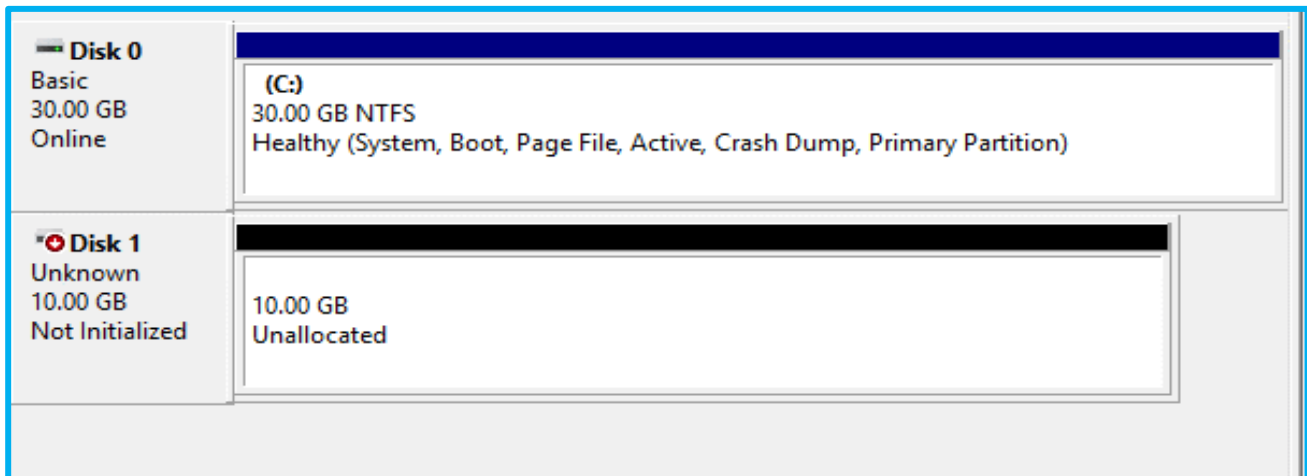
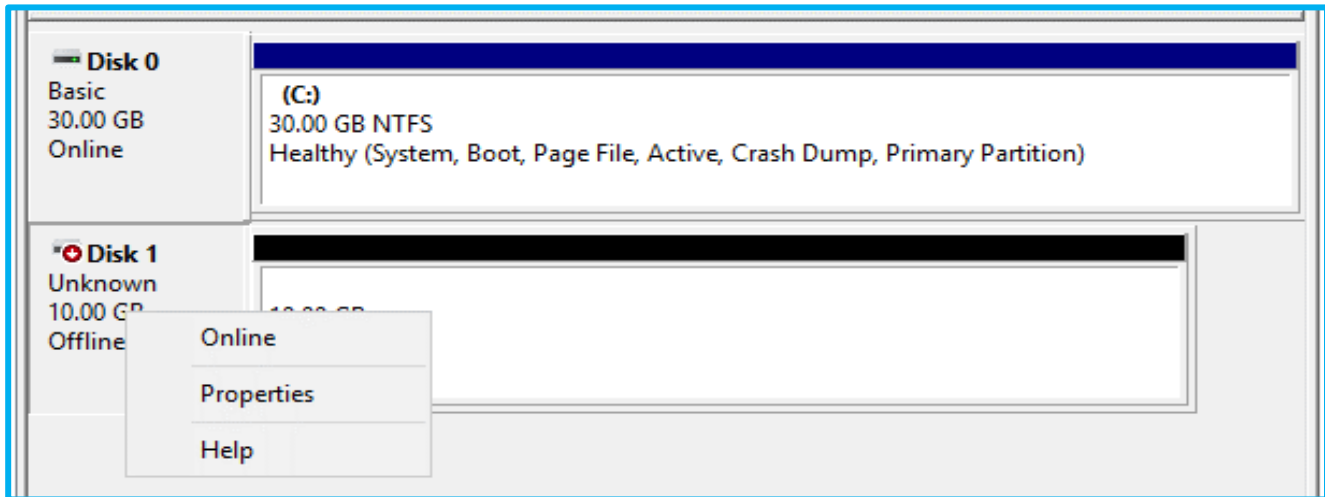
Setup volume in the instance

Login to WinServer_01, to which Volume was attached

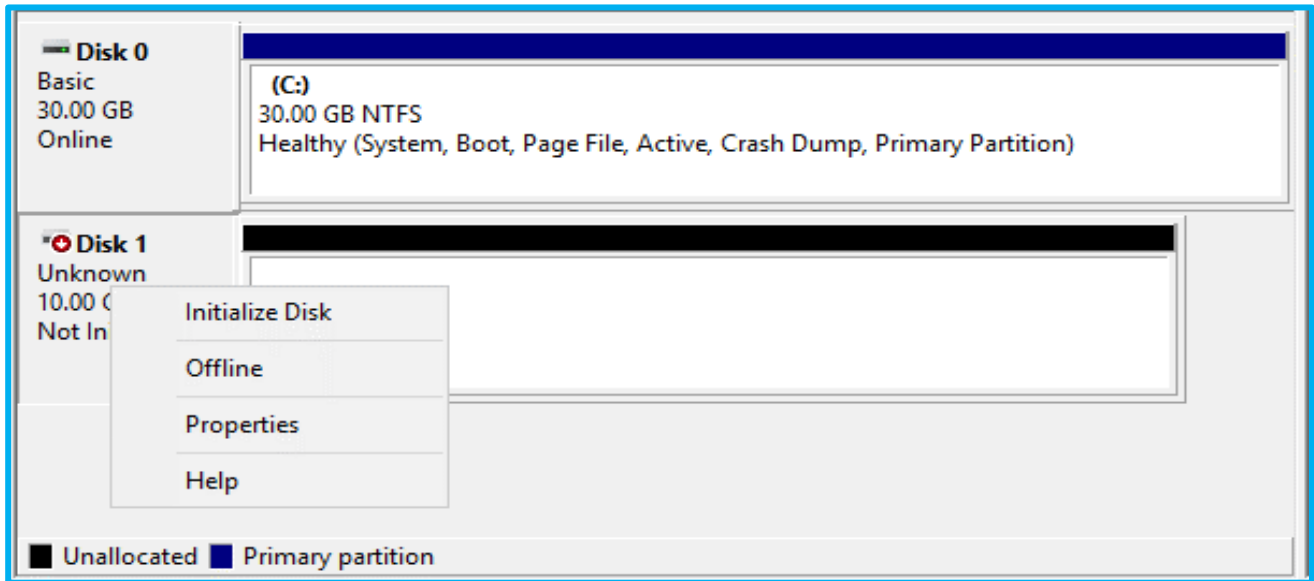


Navigate to Computer Management ->Storage ->Disk Management

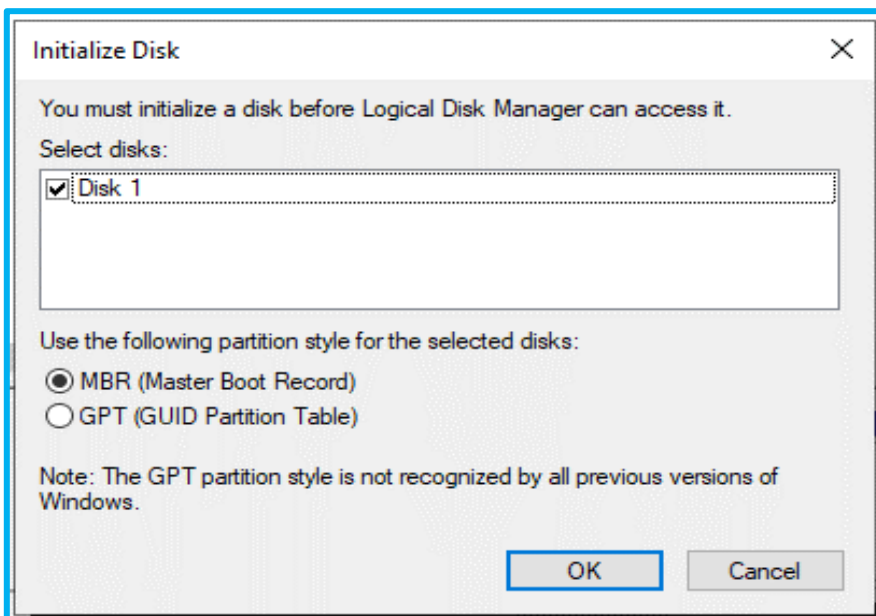
Make it Online (right click)



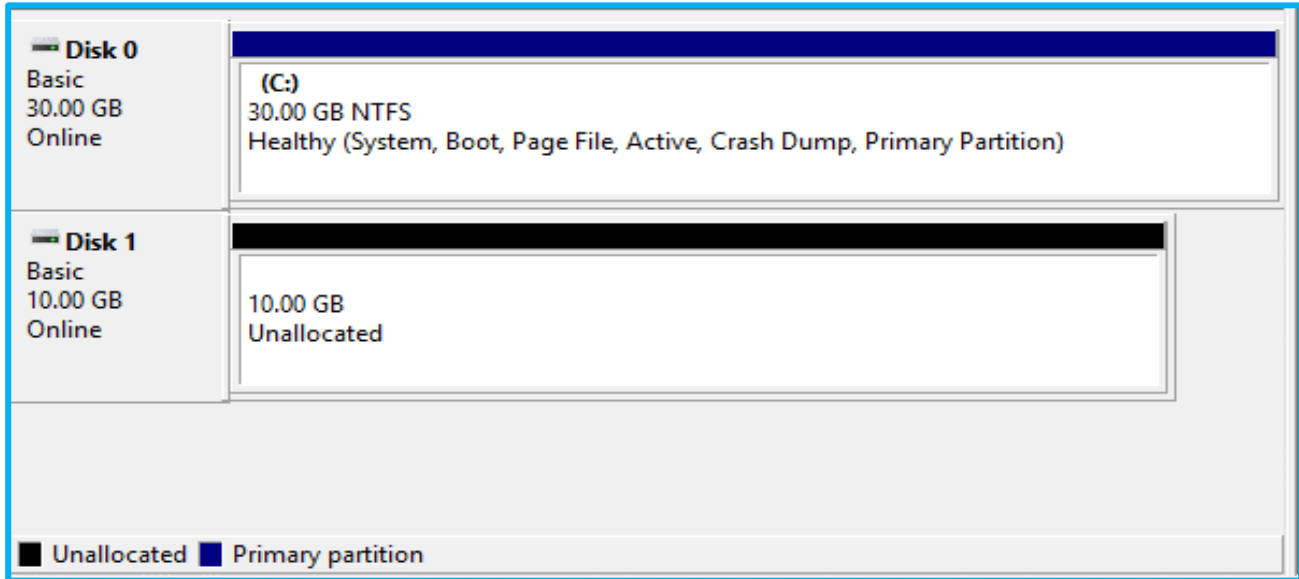
Initialize Disk (right Click) and select Initialize disk



Select default options, press OK

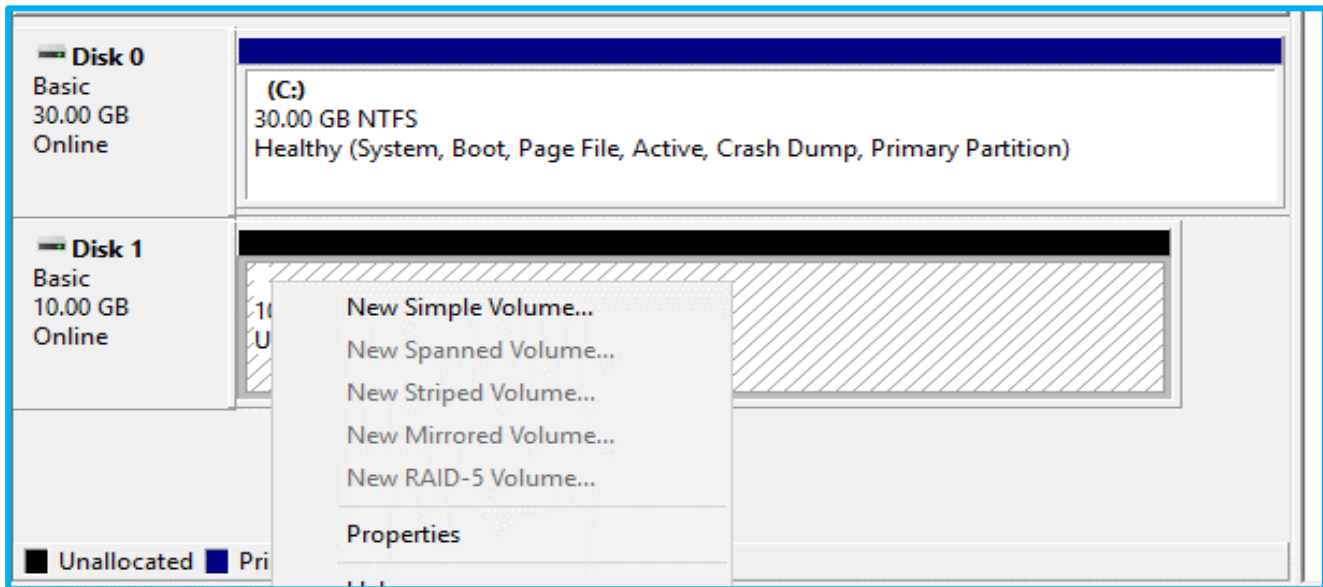


Its Online to be used

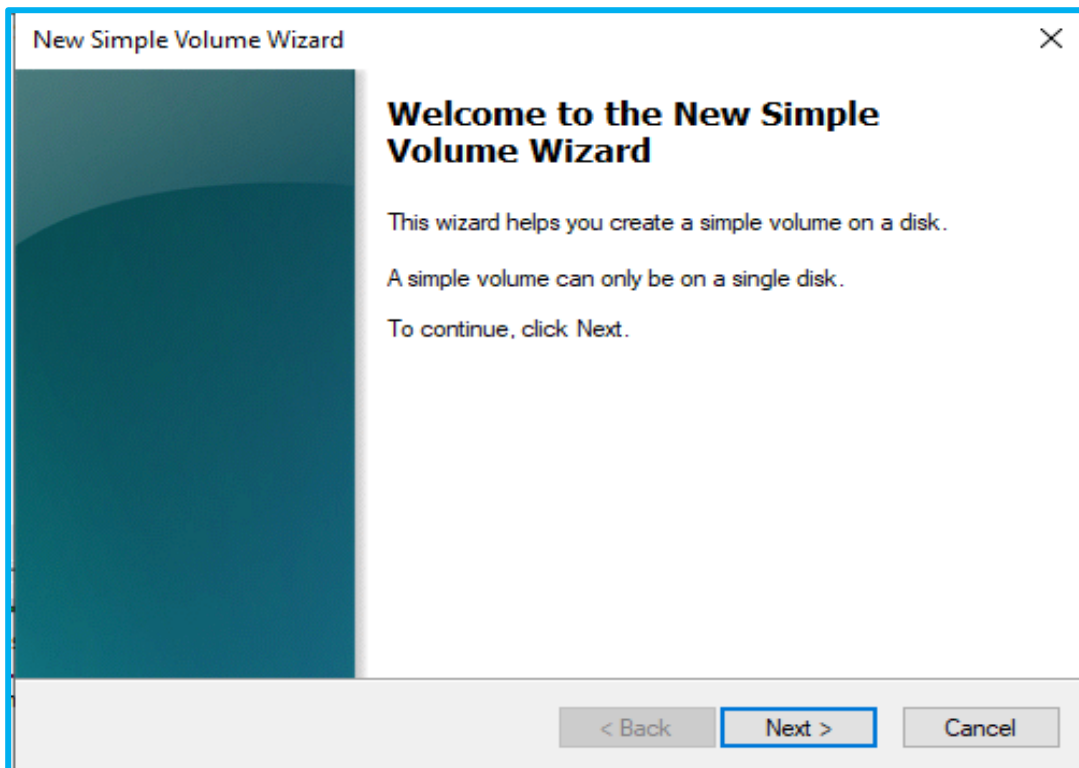


Creation of volume

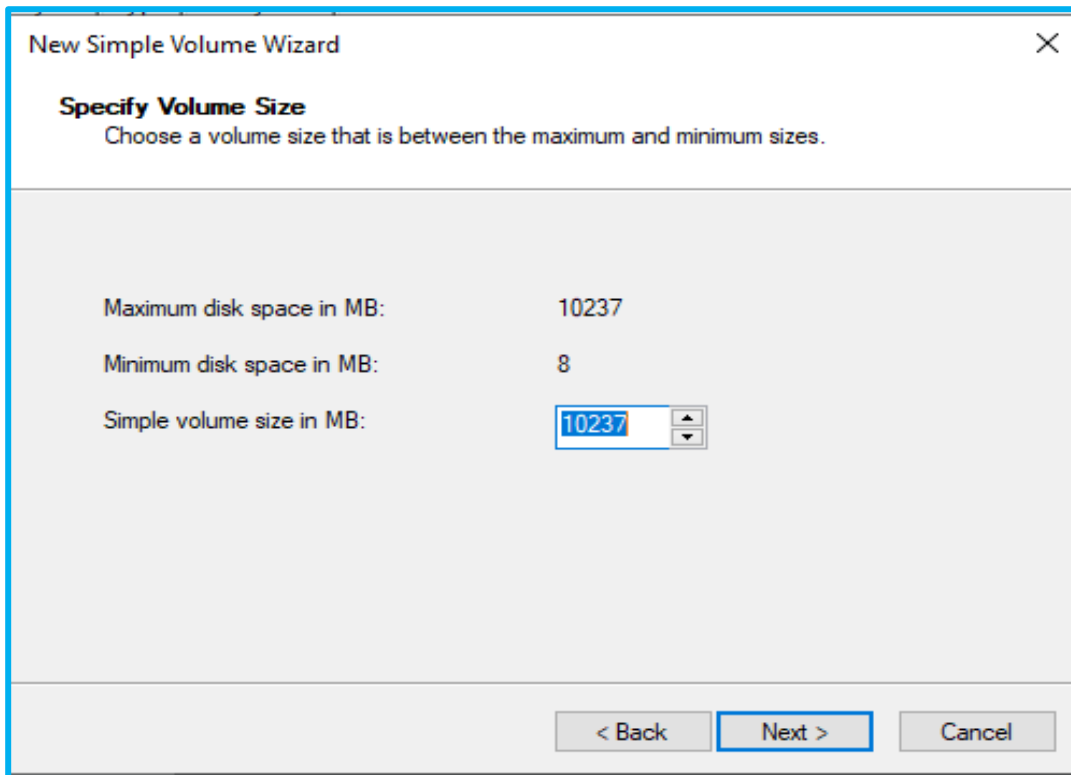
right click, New Simple Volume



Select Next



Allocate space to new volume , select Next



New Simple Volume Wizard

Specify Volume Size
Choose a volume size that is between the maximum and minimum sizes.

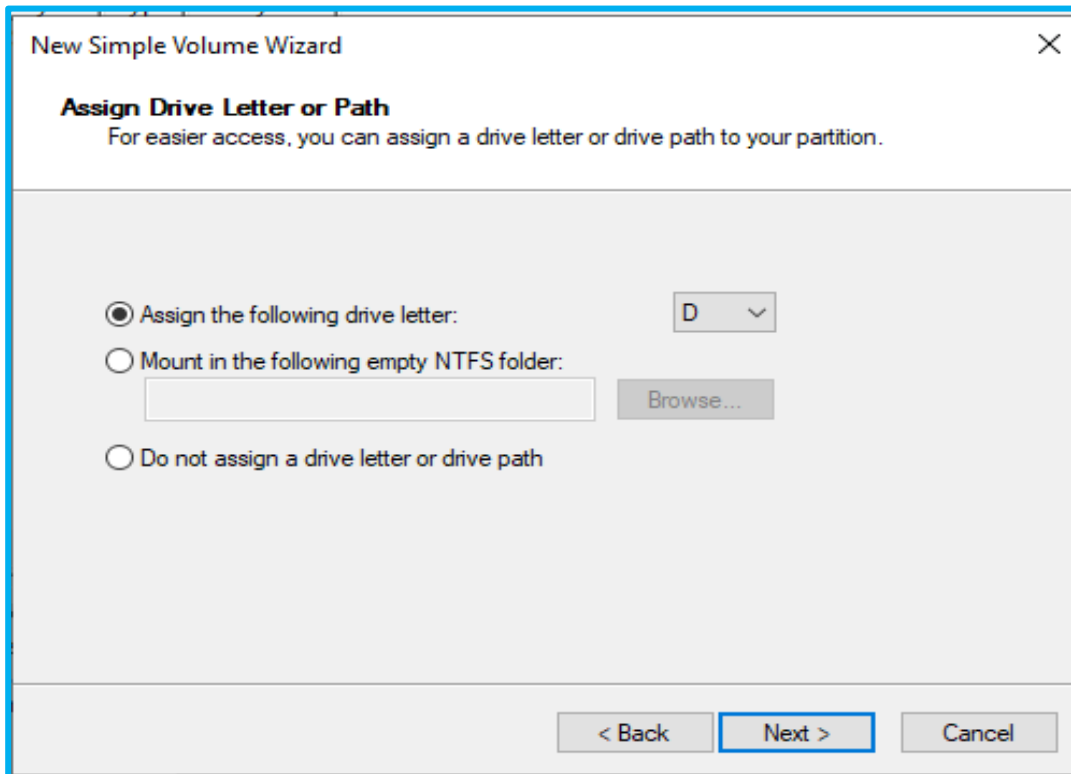
Maximum disk space in MB: 10237

Minimum disk space in MB: 8

Simple volume size in MB:

< Back Next > Cancel

Assign the Drive letter (D) , Next



New Simple Volume Wizard

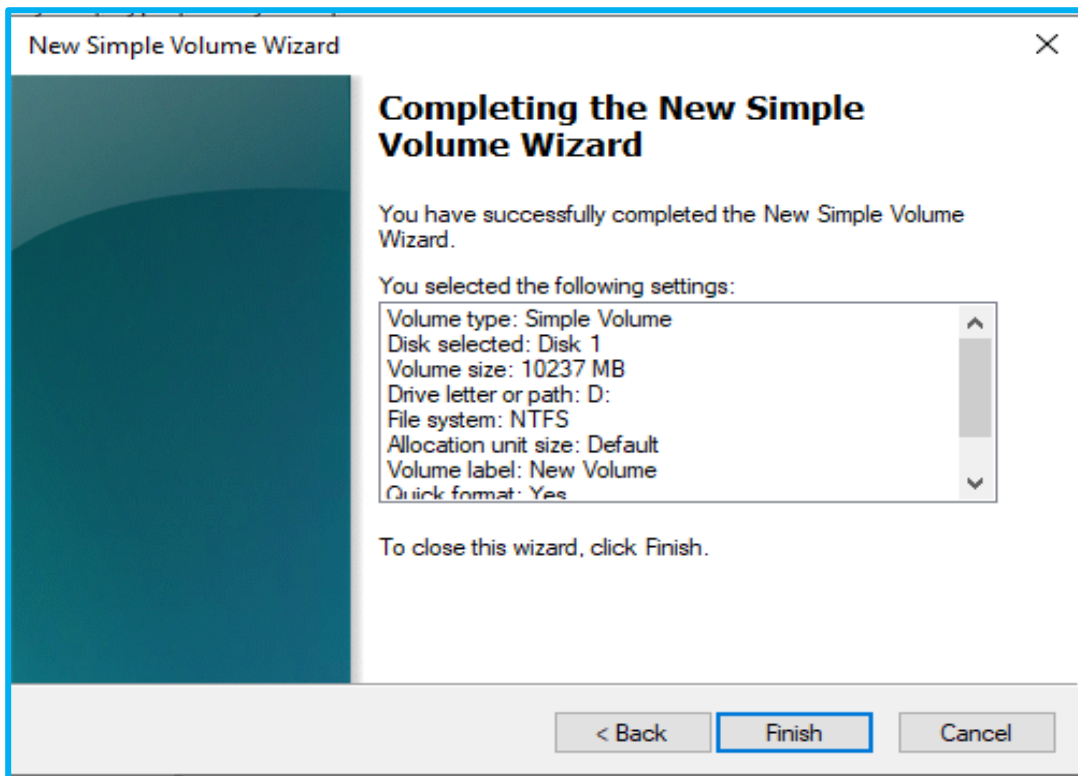
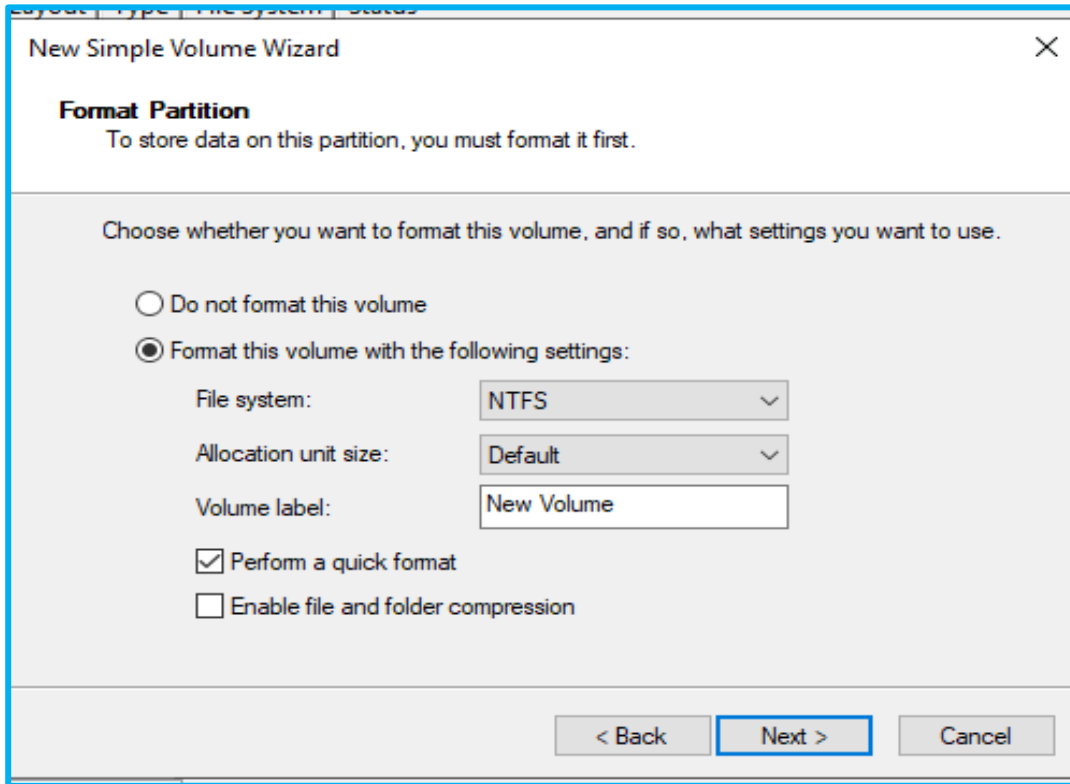
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.

☒ Assign the following drive letter:

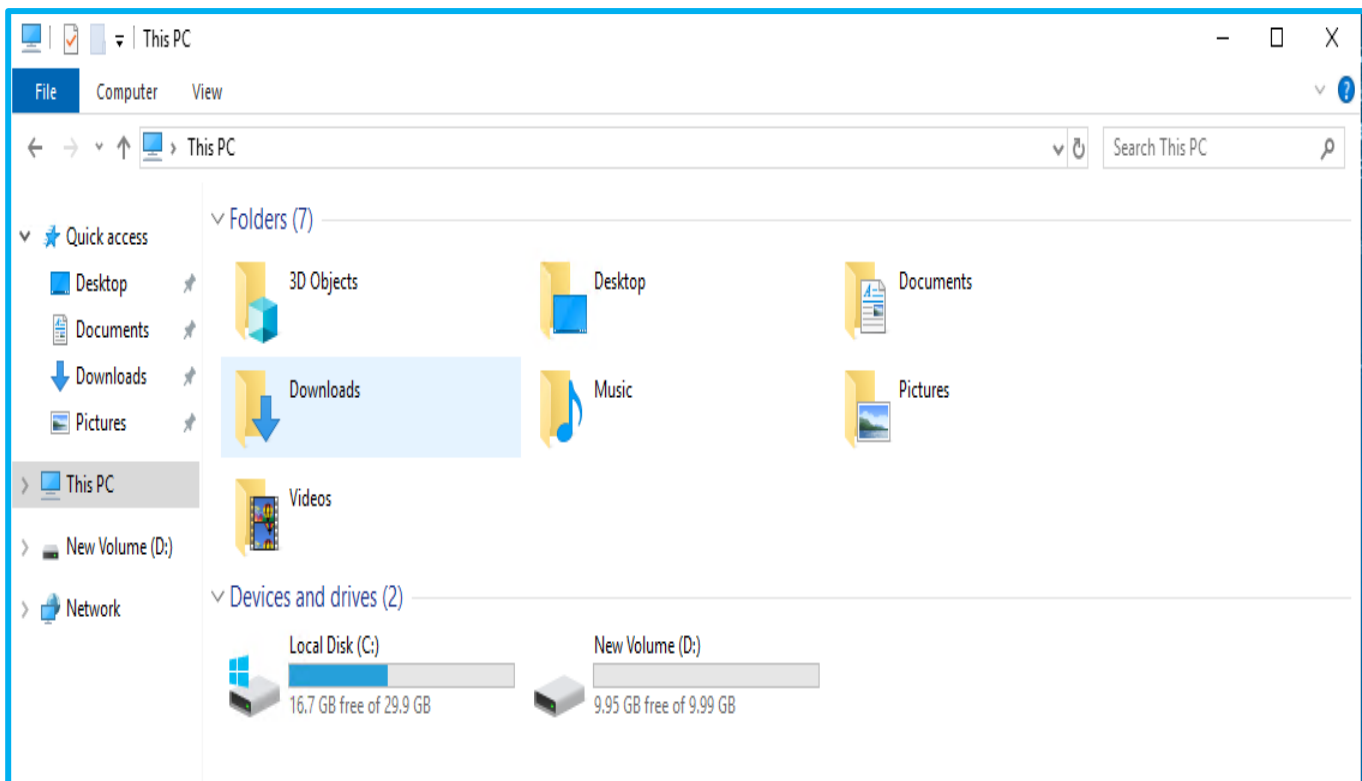
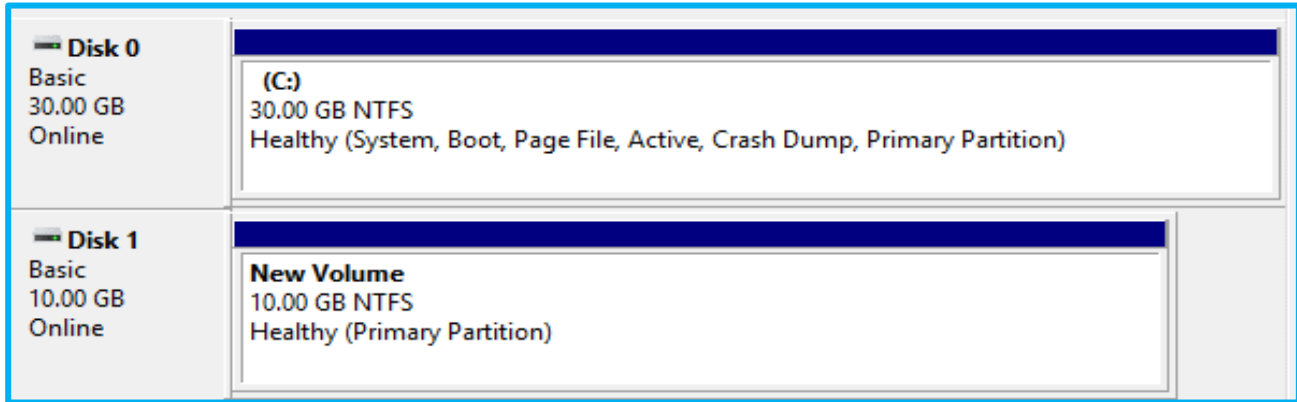
☐ Mount in the following empty NTFS folder:

☐ Do not assign a drive letter or drive path

< Back Next > Cancel

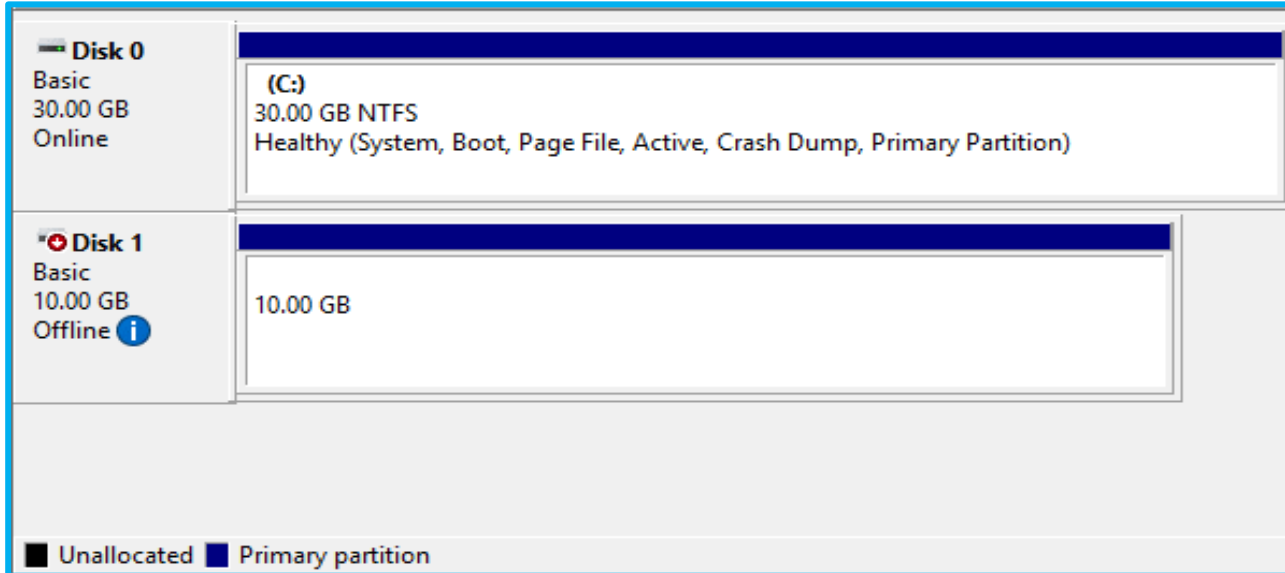
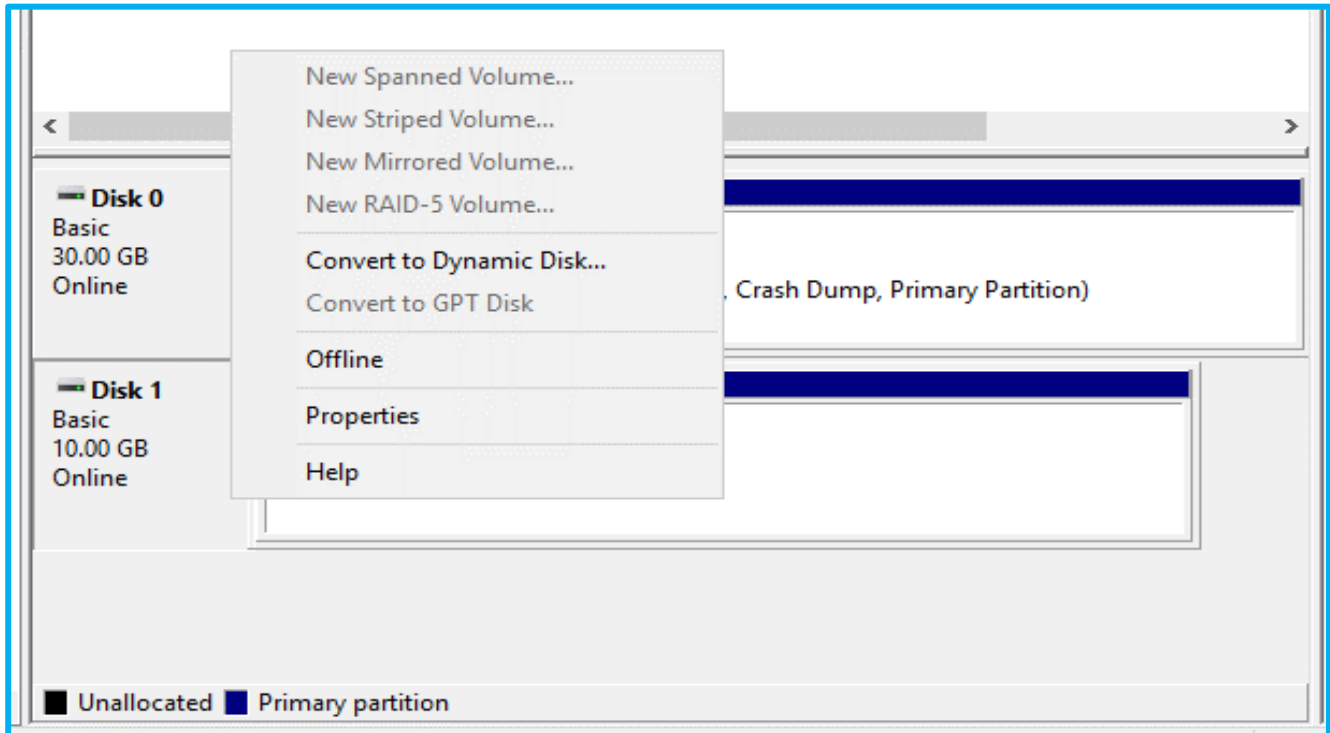
Format the drive D

New Volume Ready to be used (D)

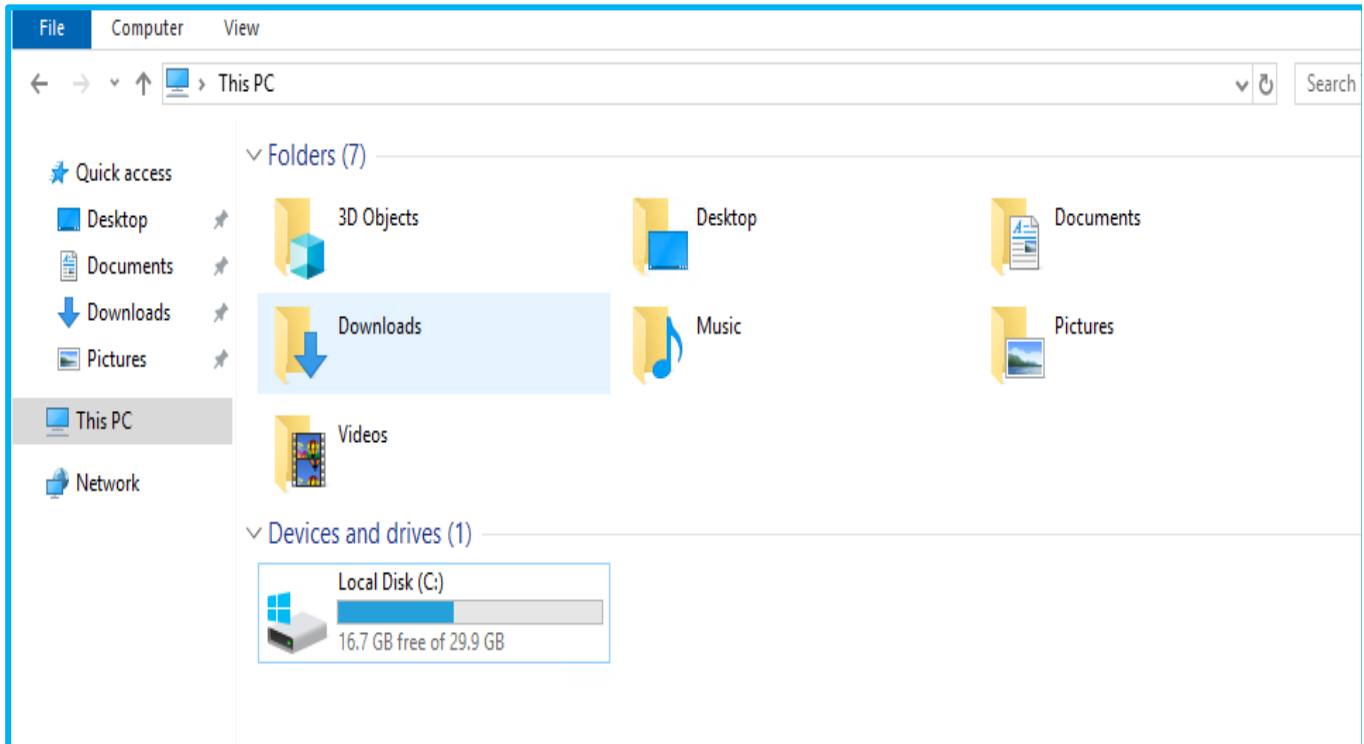


Detaching the volume from the Instance

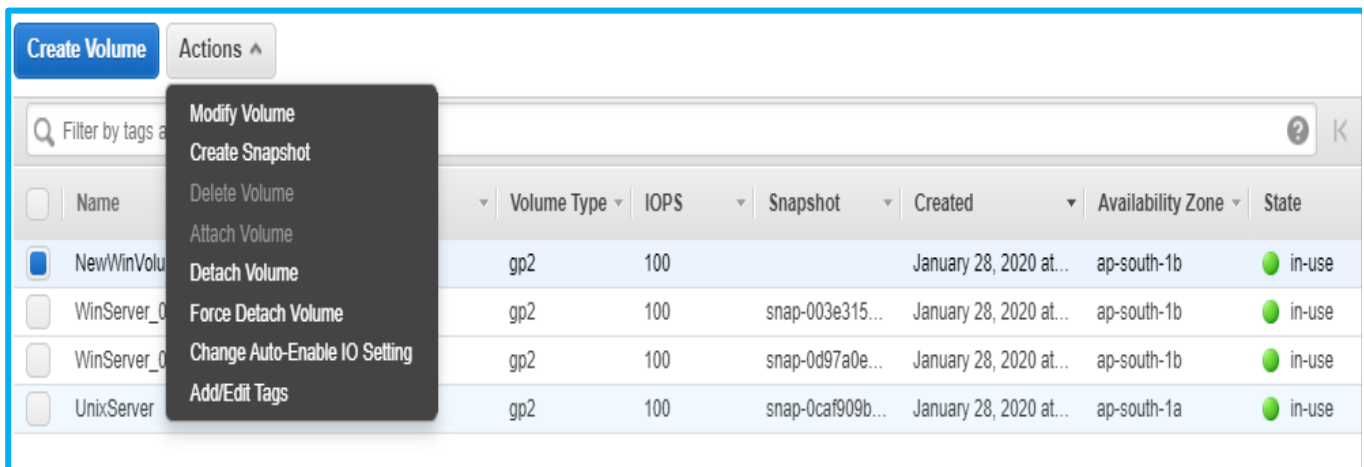
Computer Management ->Disk Management -> right click on Disk 1 -> select offline



Volume not available



EBS->Volume->Action->Detach Volume



Now the storage is available to be reused or to be deleted



<div> <div>Create Volume</div> <div>Actions</div> <div> <div></div> <div></div> <div></div> <div></div> </div> </div>											
<div> <div>Filter by tags and attributes or search by keyword</div> <div>1 to 4 of 4</div> </div>											
<input type="checkbox"/>	Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status	At
<input checked="" type="checkbox"/>	NewWinVolume	vol-016cf072...	10 GiB	gp2	100		January 28, 2020 at...	ap-south-1b	available	None	
<input type="checkbox"/>	WinServer_02	vol-037994e...	30 GiB	gp2	100	snap-003e315...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
<input type="checkbox"/>	WinServer_01	vol-06b4e12...	30 GiB	gp2	100	snap-0d97a0e...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
<input type="checkbox"/>	UnixServer	vol-0ada58f6...	8 GiB	gp2	100	snap-0caf909b...	January 28, 2020 at...	ap-south-1a	in-use	None	i-0

Modification of storage

Modify Volume

Volume ID

vol-016cf07260df5c710

Volume Type

General Purpose SSD (gp2)

Size

GiB, Max: 16384 GiB)

IoPs

3 IOPS per GiB with a
100 IOPS, burstable to

Filter by attributes

General Purpose SSD (gp2)

Provisioned IOPS SSD (io1)

Cold HDD (sc1)

Throughput Optimized HDD (st1)

Magnetic (standard)

Cancel

Modify

Modify Volume

Volume ID

vol-016cf07260df5c710

Volume Type

General Purpose SSD (gp2)

Size

10

(Min: 1 GiB, Max: 16384 GiB)

IoPs

100 / 3000

(Baseline of 3 IOPS per GiB with a
minimum of 100 IOPS, burstable to
3000 IOPS)

Cancel

Modify

Deletion of volume

Create Volume Actions

Filter by tags and attributes or search by keyword

1 to 4 of 4

Name	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status
NewWinVolume	gp2	100		January 28, 2020 at...	ap-south-1b	available	None
WinServer_02	gp2	100	snap-003e315...	January 28, 2020 at...	ap-south-1b	in-use	None
WinServer_01	gp2	100	snap-0d97a0e...	January 28, 2020 at...	ap-south-1b	in-use	None
UnixServer	gp2	100	snap-0caf909b...	January 28, 2020 at...	ap-south-1a	in-use	None

Actions menu:

- Modify Volume
- Create Snapshot
- Delete Volume
- Attach Volume
- Detach Volume
- Force Detach Volume
- Change Auto-Enable IO Setting
- Add/Edit Tags

Delete Volume

Are you sure you want to delete this volume?

- vol-016cf07260df5c710 (NewWinVolume)

Cancel Yes, Delete

Create Volume Actions

Filter by tags and attributes or search by keyword

1 to 3 of 3

Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State	Alarm Status	At
WinServer_02	vol-037994e...	30 GiB	gp2	100	snap-003e315...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
WinServer_01	vol-06b4e12...	30 GiB	gp2	100	snap-0d97a0e...	January 28, 2020 at...	ap-south-1b	in-use	None	i-0
UnixServer	vol-0ada58f6...	8 GiB	gp2	100	snap-0caf909b...	January 28, 2020 at...	ap-south-1a	in-use	None	i-0