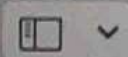




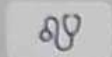
Disk Utility



View



Volume



First Aid



Partition



Erase



Restore



Unmount



Info

Internal



Macintosh HD



Macintosh HD - Data

Disk Images



macOS Base System



macOS Base System

Disk Image Volume • Mac OS Extended
macOS 10.15.4

2.01 GB



☒ Used

1.34 GB

☐ Free

667 MB

Mount Point:	/	Type:	Disk Image Volume
Capacity:	2.01 GB	Owners:	Enabled
Available:	667 MB (Zero KB purgeable)	Connection:	Disk Image
Used:	1.34 GB	Device:	disk1s1



Run First Aid on "macOS Base System"?

First Aid will check the volume for errors. It will then repair the volume if necessary.

Cancel

Run



Verifying the startup volume will cause this computer to stop responding.

This may last for several minutes or hours. To avoid this, you can run First Aid while in Recovery.

Cancel

Continue

Disk Utility



First Aid



Partition



Erase



Restore



Unmount



Running First Aid on "macOS Base System"

This computer will stop responding while verifying the startup volume; this may last for several minutes or hours.

Checking catalog hierarchy.



Show Details

Done



Used

1.34 GB



Free

667 MB



Running First Aid on "macOS Base System"

This computer will stop responding while verifying the startup volume; this may last for several minutes or hours.



First Aid process is complete. Click Done to continue.



Show Details

Done



Running First Aid on "macOS Base System"

This computer will stop responding while verifying the startup volume; this may last for several minutes or hours.

First Aid process is complete. Click Done to continue.

▼ Hide Details

Checking catalog hierarchy.

Checking extended attributes file.

Checking volume bitmap.

Checking volume information.

The volume macOS Base System appears to be OK.

File system check exit code is 0.

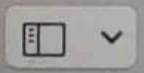
Restoring the original state found as mounted.

Operation successful.

Done



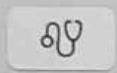
Disk Utility



View



Volume



First Aid



Partition



Erase



Restore



Unmount



Info

Internal



Macintosh HD



Macintosh HD - Data

Disk Images



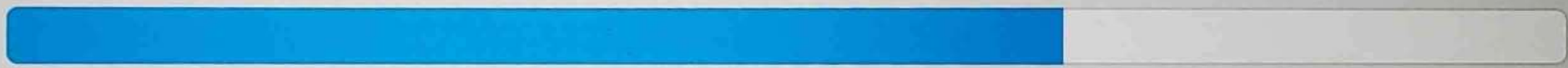
macOS Base System



macOS Base System

Disk Image Volume • Mac OS Extended
macOS 10.15.4

2.01 GB



☒ **Used**
1.34 GB

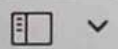
☐ **Free**
667 MB

Mount Point:	/	Type:	Disk Image Volume
Capacity:	2.01 GB	Owners:	Enabled
Available:	667 MB (Zero KB purgeable)	Connection:	Disk Image
Used:	1.34 GB	Device:	disk1s1

Disk Utility



Info



View



Volume



First Aid



Partition



Erase



Restore



Unmount

Internal



Macintosh HD



Macintosh HD - Data

Disk Images



macOS Base System

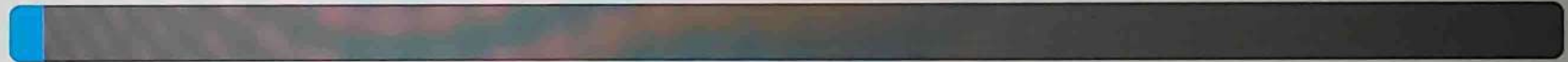


Macintosh HD

APFS Volume • APFS
macOS 10.15.4

499.42 GB

SHARED BY 5 VOLUMES



Used

11.18 GB

Other Volumes

487.64 GB

Free

600.7 MB

Mount Point:	/Volumes/Macintosh HD	Type:	APFS Volume
Capacity:	499.42 GB	Owners:	Enabled
Available:	600.7 MB (Zero KB purgeable)	Connection:	PCI
Used:	11.18 GB	Device:	disk2s5

Disk Utility



View



Volume



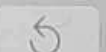
First Aid



Partition



Erase



Restore



Unmount



Info

Internal



Macintosh HD



Macintosh HD - Data

Disk Images



macOS Base System



Run First Aid on "Macintosh HD"?

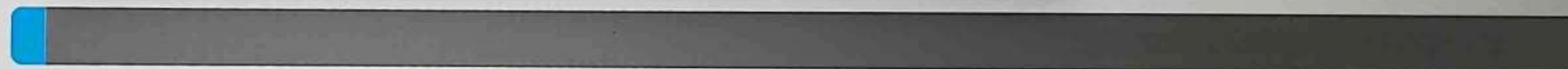
First Aid will check the volume for errors. It will then repair the volume if necessary.

Cancel

Run

499.42 GB

SHARED BY 5 VOLUMES



Used

11.18 GB

Other Volumes

487.64 GB

Free

600.7 MB

Mount Point: /Volumes/Macintosh HD

Capacity: 499.42 GB

Available: 600.7 MB (Zero KB purgeable)

Used: 11.18 GB

Type: APFS Volume

Owners: Enabled

Connection: PCI

Device: disk2s5



Running First Aid on "Macintosh HD"

First Aid process is complete. Click Done to continue.

▼ Hide Details

Running First Aid on "Macintosh HD" (disk2s5)

Repairing file system.

Volume was successfully unmounted.

Performing fsck_apfs -y -x /dev/rdisk2s5

Checking the container superblock.

warning: container has been mounted by APFS version 1412.141.1, which is newer than 1412.101.1

warning: disabling overallocation repairs by default; use -o to override

Done



Running First Aid on "Macintosh HD"

First Aid process is complete. Click Done to continue.

▼ Hide Details

warning: disabling overallocation repairs by default; use -o to override

Checking the EFI jumpstart record.

Checking the space manager.

Checking the space manager free queue trees.

Checking the object map.

Checking volume.

Checking the APFS volume superblock.

The volume Macintosh HD was formatted by diskmanagementd (1412.61.1) and last modified by apfs_kext (1412.101.1).

Checking the object map.

Done



Running First Aid on "Macintosh HD"

First Aid process is complete. Click Done to continue.

▼ Hide Details

Checking the snapshot metadata tree.
Checking the snapshot metadata.
Checking the extent ref tree.
Checking the fsroot tree.
Verifying allocated space.
The volume /dev/rdisk2s5 appears to be OK.
File system check exit code is 0.
Restoring the original state found as mounted.

Done

- Internal
- Macintosh HD

Macintosh HD - Data
- Disk Images
- macOS Base System



Macintosh HD

APFS Volume • APFS

macOS 10.15.4

499.42 GB

SHARED BY 5 VOLUMES

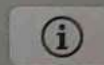
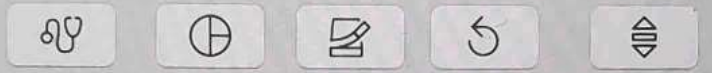
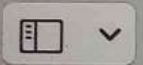


<div>Used</div> <div>11.18 GB</div>	<div>Other Volumes</div> <div>487.64 GB</div>	<div>Free</div> <div>600.6 MB</div>
-------------------------------------	---	-------------------------------------

Mount Point:	/Volumes/Macintosh HD	Type:	APFS Volume
Capacity:	499.42 GB	Owners:	Enabled
Available:	600.6 MB (Zero KB purgeable)	Connection:	PCI
Used:	11.18 GB	Device:	disk2s5



Disk Utility



View

Volume

First Aid Partition Erase Restore Unmount

Info

Internal



Macintosh HD



Macintosh HD - Data

Disk Images



macOS Base System



Macintosh HD - Data

APFS Volume • APFS
macOS 10.15.4

499.42 GB
SHARED BY 5 VOLUMES



Used	Other Volumes	Free
478.27 GB	20.55 GB	600.6 MB

Mount Point:	/Volumes/Macintosh HD - Data	Type:	APFS Volume
Capacity:	499.42 GB	Owners:	Enabled
Available:	600.6 MB (Zero KB purgeable)	Connection:	PCI
Used:	478.27 GB	Device:	disk2s1



Run First Aid on "Macintosh HD - Data"?

First Aid will check the volume for errors. It will then repair the volume if necessary.

Cancel

Run



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

Running First Aid on "Macintosh HD - Data" (disk2s1)

Repairing file system.

Volume was successfully unmounted.

Performing fsck_apfs -y -x /dev/rdisk2s1

Checking the container superblock.

warning: container has been mounted by APFS version 1412.141.1, which is newer than 1412.101.1

warning: disabling overallocation repairs by default; use -o to override

Done



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

warning: disabling overallocation repairs by default; use -o to override

Checking the EFI jumpstart record.

Checking the space manager.

Checking the space manager free queue trees.

Checking the object map.

Checking volume.

Checking the APFS volume superblock.

The volume Macintosh HD - Data was formatted by hfs_convert (748.1.46) and last modified by apfs_kext (1412.101.1).

Done



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

Checking the object map.

Checking the snapshot metadata tree.

Checking the snapshot metadata.

Checking the extent ref tree.

Checking the fsroot tree.

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

Done

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

Done



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

warning: xf : INO_EXT_TYPE_DSTREAM : found unexpected dstream associated with non-regular file

Too many warnings of this type generated; suppressing subsequent ones.

warning: found orphan dstream id object (id 21604235, refcnt 1)

Done



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

warning: found orphan dstream id object (id 21904757, refcnt 1)
warning: found orphan dstream id object (id 23093636, refcnt 1)
warning: found orphan dstream id object (id 23576154, refcnt 1)
warning: found orphan dstream id object (id 25229348, refcnt 1)
warning: found orphan dstream id object (id 25379798, refcnt 1)
warning: found orphan dstream id object (id 27457054, refcnt 1)
warning: found orphan dstream id object (id 27480132, refcnt 1)
warning: found orphan dstream id object (id 29627575, refcnt 1)
warning: found orphan dstream id object (id 29654637, refcnt 1)

Done



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

warning: found orphan dstream id object (id 34580869, refcnt 1)
warning: found orphan dstream id object (id 34942334, refcnt 1)
warning: found orphan dstream id object (id 35797554, refcnt 1)
warning: found orphan dstream id object (id 35808235, refcnt 1)
warning: found orphan dstream id object (id 36189675, refcnt 1)
warning: found orphan dstream id object (id 38406507, refcnt 1)
warning: found orphan dstream id object (id 38583497, refcnt 1)
warning: found orphan dstream id object (id 39427799, refcnt 1)
warning: found orphan dstream id object (id 39477178, refcnt 1)
warning: found orphan dstream id object (id 39547637, refcnt 1)

Done



Running First Aid on "Macintosh HD - Data"

First Aid process is complete. Click Done to continue.

▼ Hide Details

warning: found orphan dstream id object (id 50496715, refcnt 1)

Too many warnings of this type generated; suppressing subsequent ones.

Verifying allocated space.

Performing deferred repairs.

The volume /dev/rdisk2s1 appears to be OK.

File system check exit code is 0.

Restoring the original state found as mounted.

Operation successful.

- Internal
- Macintosh HD
- Macintosh HD - Data
- Disk Images
- macOS Base System

Macintosh HD - Data

APFS Volume • APFS

macOS 10.15.4

499.42 GB

SHARED BY 5 VOLUMES

Used

478.27 GB

Other Volumes

20.55 GB

Free

600.6 MB

Mount Point:	/Volumes/Macintosh HD - Data	Type:	APFS Volume
Capacity:	499.42 GB	Owners:	Enabled
Available:	600.6 MB (Zero KB purgeable)	Connection:	PCI
Used:	478.27 GB	Device:	disk2s1

Add Tags...

▼ General:

Kind: Volume
Created: 20December, 2019 at 3:54 PM
Modified: Saturday, May 2, 2020 at 7:01 PM
Version: 10.15.4
Format: APFS
Capacity: 499.42 GB
Available: 567.7 MB
Used: 489,484,877,824 bytes (489.48 GB on disk)

☐ Shared folder

▼ More Info:

--

▼ Name & Extension:

Macintosh HD

☐ Hide extension




▼ Comments:

▼ Preview:



▼ Sharing & Permissions:

You can only read

Name	Privilege
 system	↕ Read & Write
 admin	↕ Read only
 everyone	↕ Read only



Last login: Sun Oct 18 06:11:03 on console

The default interactive shell is now zsh.

To update your account to use zsh, please run `'chsh -s /bin/zsh'`.

For more details, please visit <https://support.apple.com/kb/HT208050>.

macbook-pro-13:~ roy\$ sudo tmutil listlocalsnapshots /

Last login: Sun Oct 18 06:11:03 on console

The default interactive shell is now zsh.

To update your account to use zsh, please run 'chsh -s /bin/zsh'.

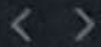
For more details, please visit <https://support.apple.com/kb/HT208050>.

macbook-pro-13:~ roy\$ sudo tmutil listlocalsnapshots /

Password:

Snapshots for volume group containing disk /:

macbook-pro-13:~ roy\$ █



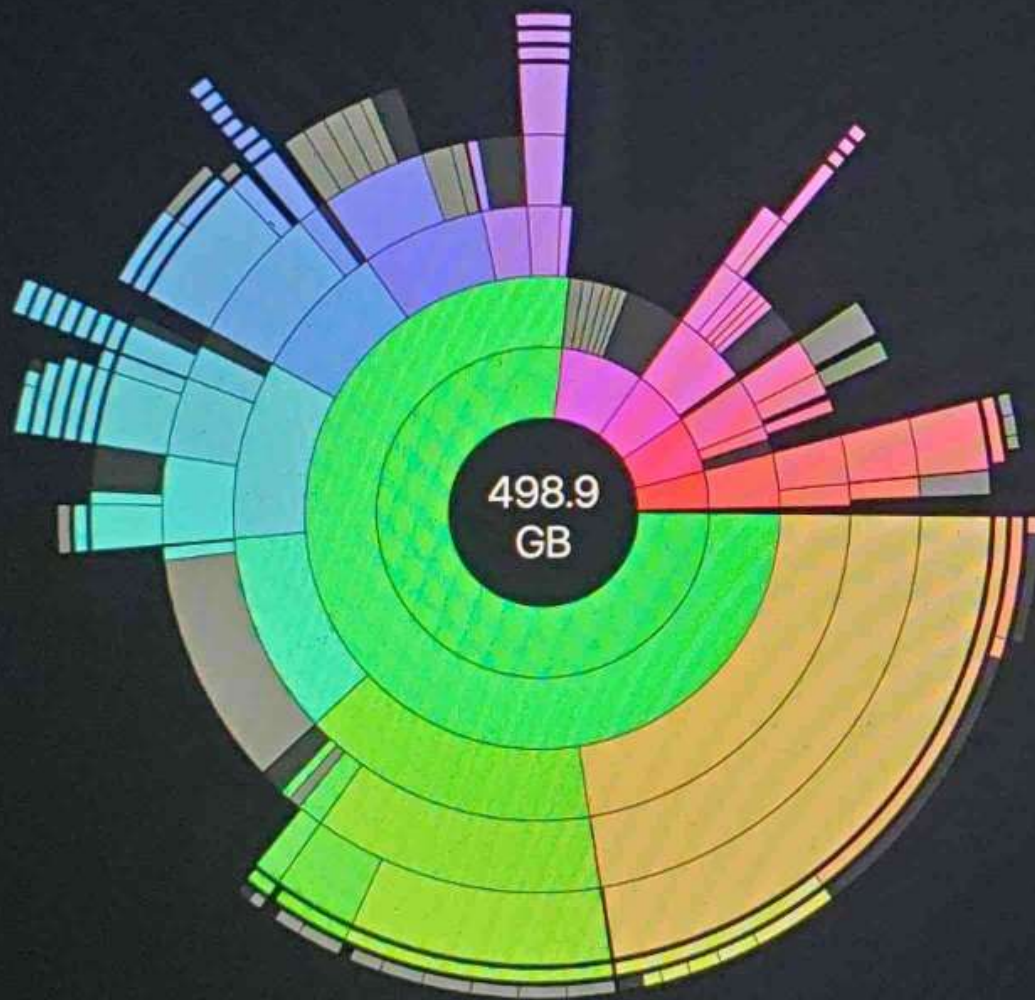
Disks and Folders

Macintosh HD

Macintosh HD

498.9 GB

● Users	190.7 GB
● Applications	20.3 GB
● System	14.2 GB
● Library	13.6 GB
● private	9.2 GB
● ...smaller objects...	668.2 MB



Disk "Macintosh HD" is read only