Sun City Computer Club

MAC User's Group

February 7, 2019

February 20, 2020
John Jenkinson

- Audio recording of this session as MP4 file
- Audio recording available at link shown above

Audio Recording In Progress

U.S.
CYBERSECURITY
STOP

Dixie Normous Credit Card Security ™

Is your credit card number in a hacker's database?

You can easily find out now! All you need to do is enter its information here and we will scan thousands of hacker databases to see if any they have match yours.

Credit Card Number:

Expiration Date:

Your Zip Code:

SCAN DATABASE

Vocabulary

- Safer not Safe
- E-postcard not e-mail
- ADMINISTRATOR
- Passphrases not passwords
- Radio not wireless

CookieMiner Mac malware tries to steal your cryptocurrency – as well as mine more

Ben Lovejoy - Jan. 31st 2019 6:38 am PT @benlovejoy

New SpeakUp Backdoor Infects Linux and macOS with Miners

By Sergiu Gatlan

February 4, 2019 09:00 AM 0

3,538 views | Feb 6, 2019, 07:10am

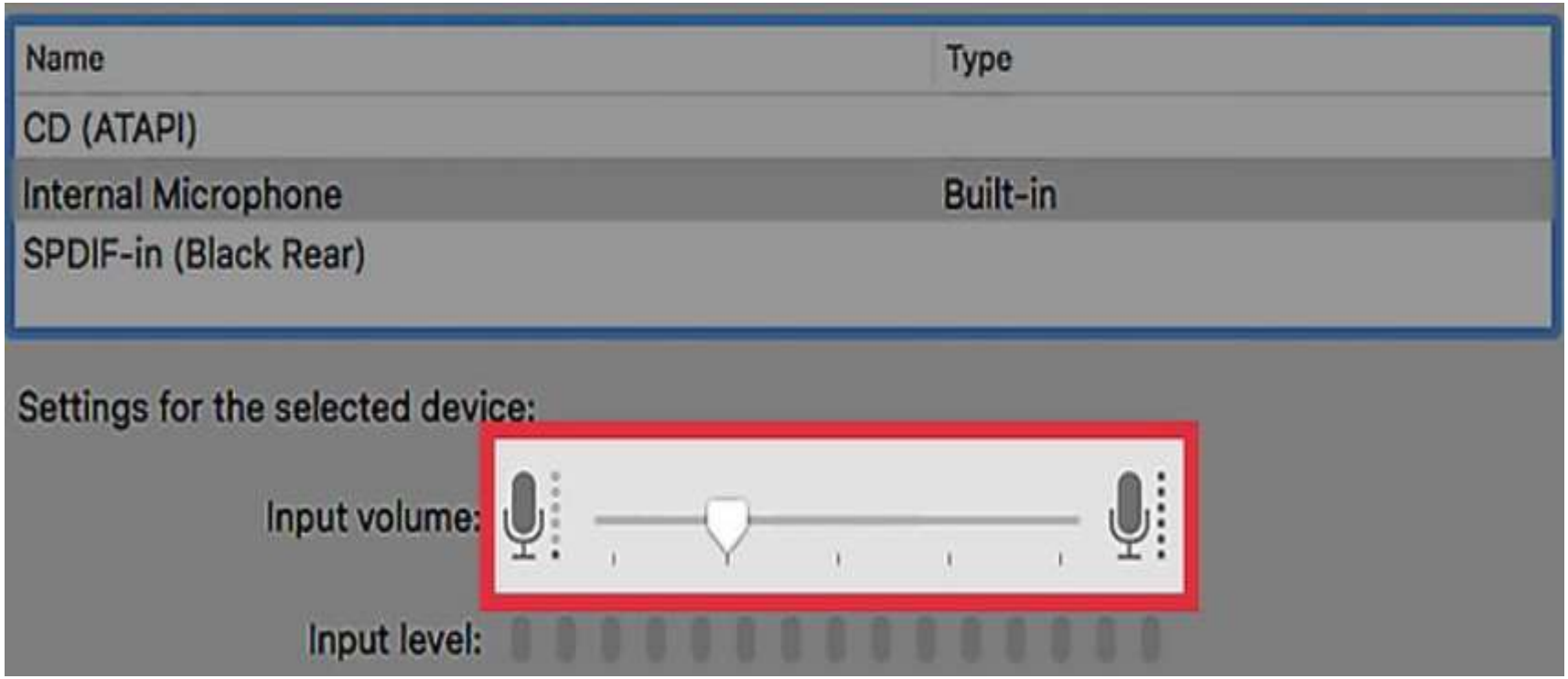
Teenage Hacker's Evil App Steals Apple Mac Passwords

Thomas Brewster Forbes Staff
Cybersecurity
I cover crime, privacy and security in digital and physical forms.

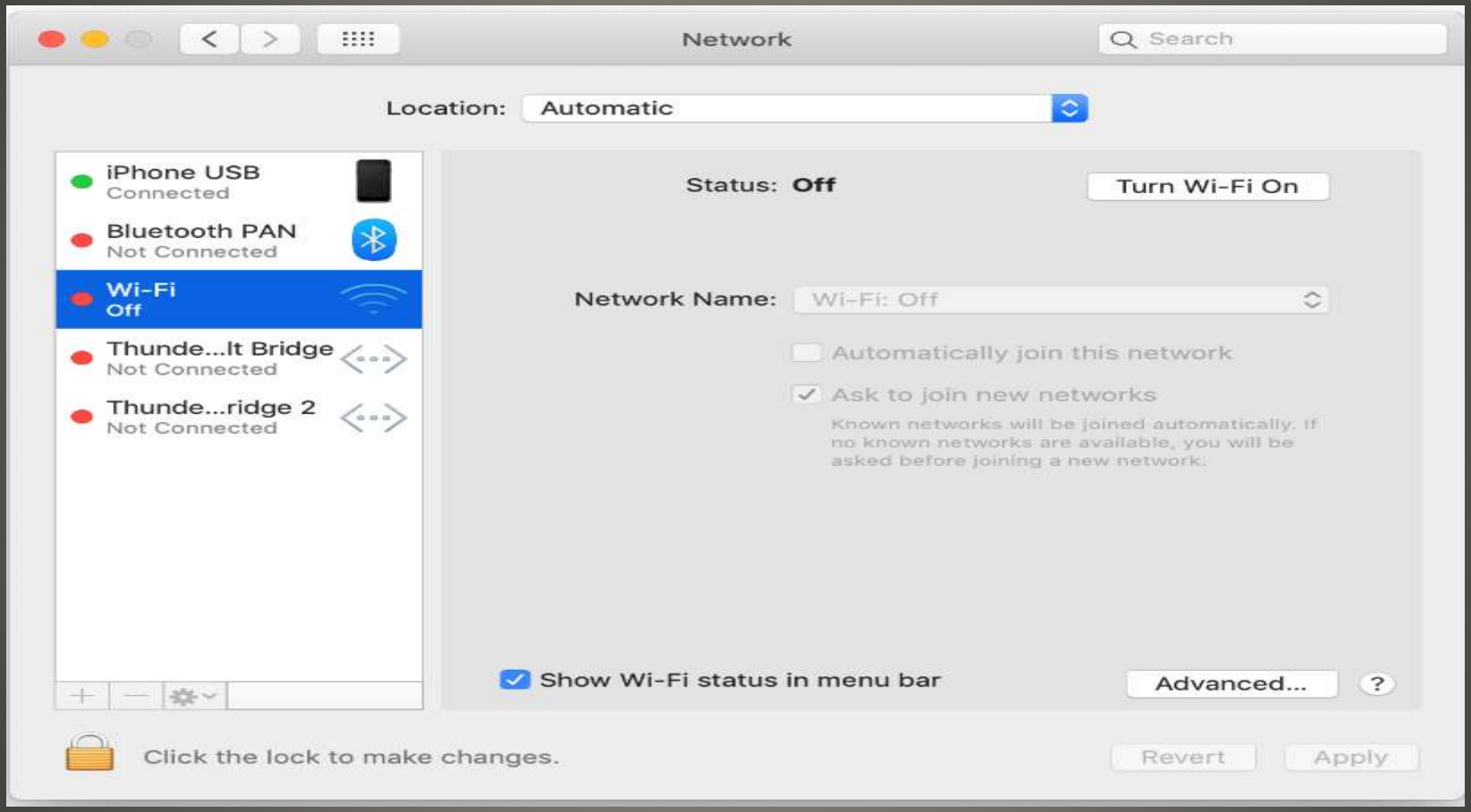
- Tape camera front and back
- Limit microphone

Preferences > Sound > Input

Hardware


Name
Type
CD (ATAPI)
Internal Microphone
Built-in
SPDIF-in (Black Rear)
Settings for the selected device:
Input volume:
Input level:

- Cellular tether



Safer Networking

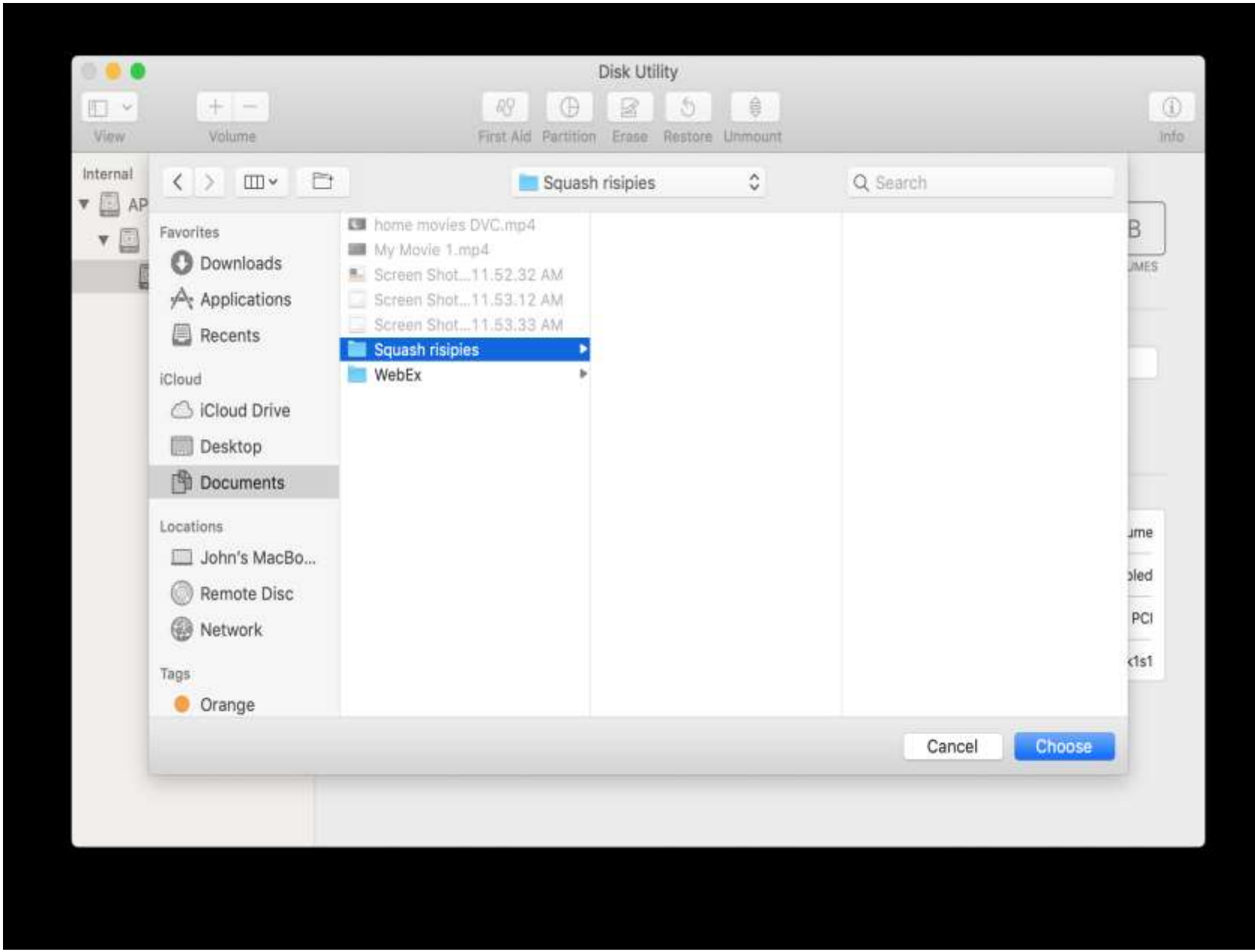
- Initially small memory
  - Slow CPU
  - No network
  - small developer base

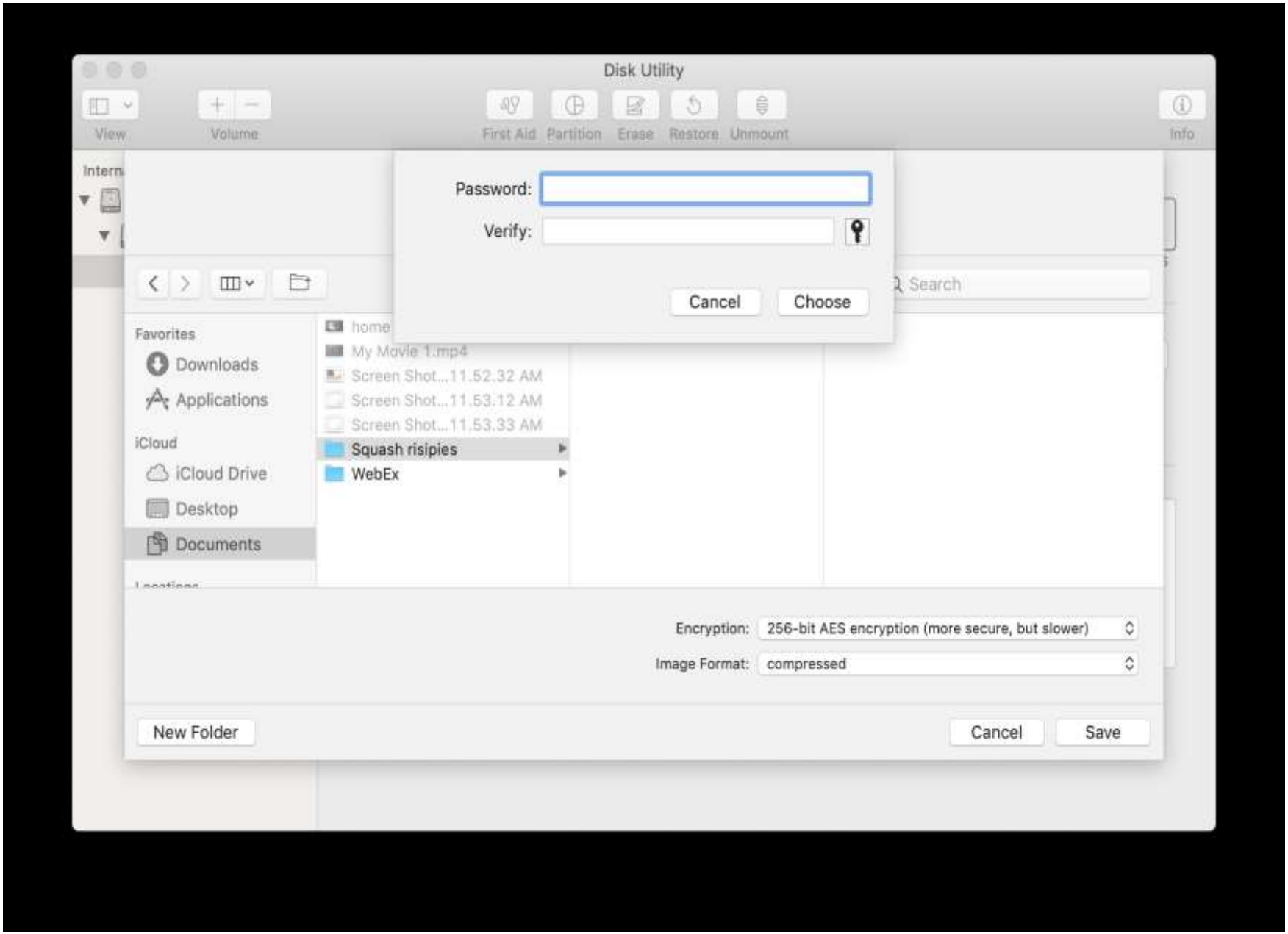
Process creation vs DLL

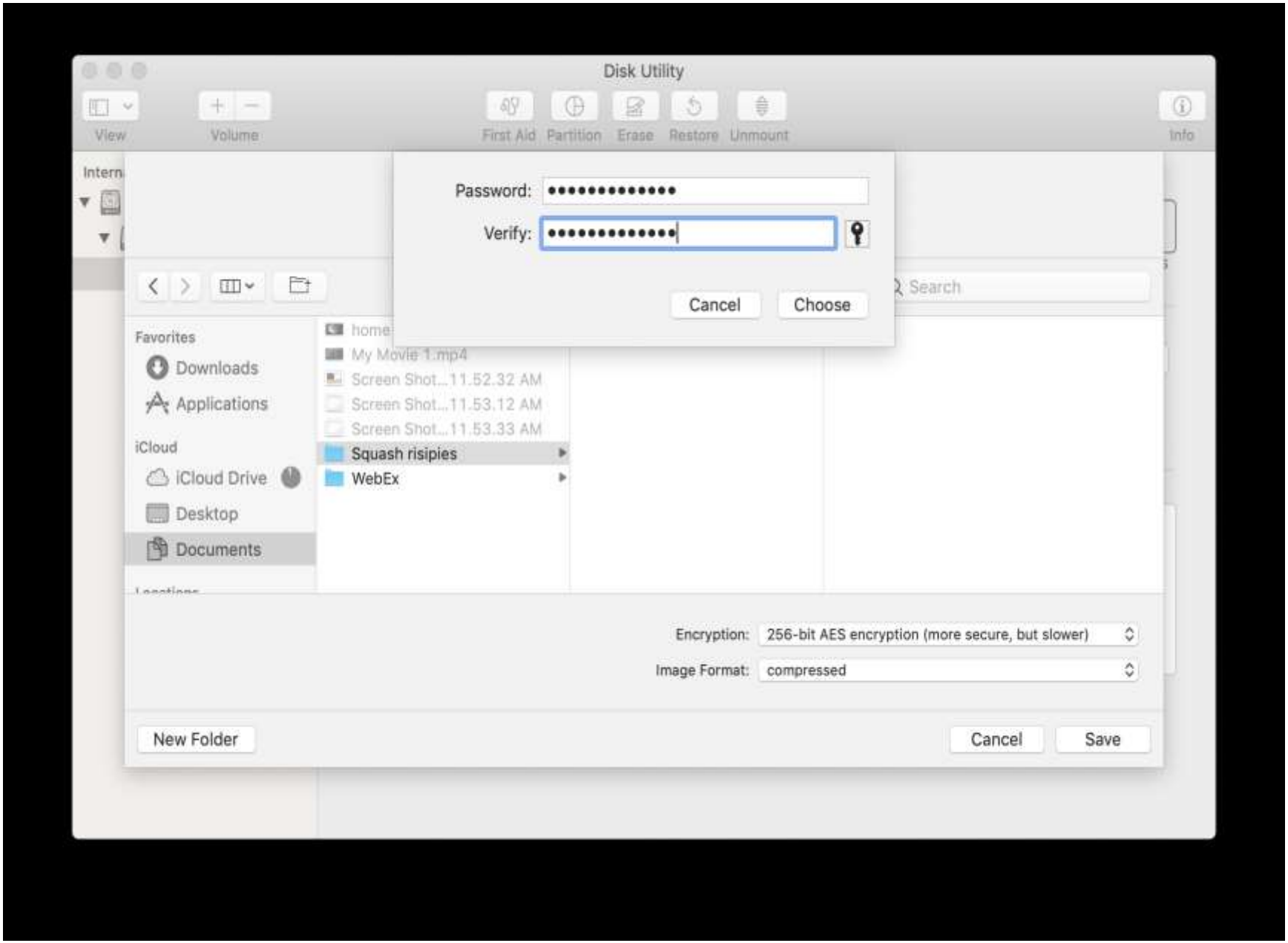
Administrator

encryption

- FileVault 2
- REMEMBER the encrypting password!
- Use encrypted disk for Time Machine
- Steganography bypass for
  Xprotect
  Gatekeeper
- Encrypt sensitive file sets to the cloud


Disk Utility
View
Volume
First Aid
Partition
Erase
Restore
Unmount
Info
Internal
Squash risipies
Search
Favorites
Downloads
Applications
Recents
iCloud
iCloud Drive
Desktop
Documents
Locations
John's MacBo...
Remote Disc
Network
Tags
Orange
home movies DVC.mp4
My Movie 1.mp4
Screen Shot...11.52.32 AM
Screen Shot...11.53.12 AM
Screen Shot...11.53.33 AM
Squash risipies
WebEx
Cancel
Choose


Disk Utility
View
Volume
First Aid
Partition
Erase
Restore
Unmount
Info
Password:
Verify:
Cancel
Choose
Search
Favorites
Downloads
Applications
iCloud
iCloud Drive
Desktop
Documents
home
My Movie 1.mp4
Screen Shot...11.52.32 AM
Screen Shot...11.53.12 AM
Screen Shot...11.53.33 AM
Squash risipies
WebEx
Encryption:
256-bit AES encryption (more secure, but slower)
Image Format:
compressed
New Folder
Cancel
Save


Disk Utility
View
Volume
First Aid
Partition
Erase
Restore
Unmount
Info
Password:
Verify:
Cancel
Choose
Search
Favorites
Downloads
Applications
iCloud
iCloud Drive
Desktop
Documents
home
My Movie 1.mp4
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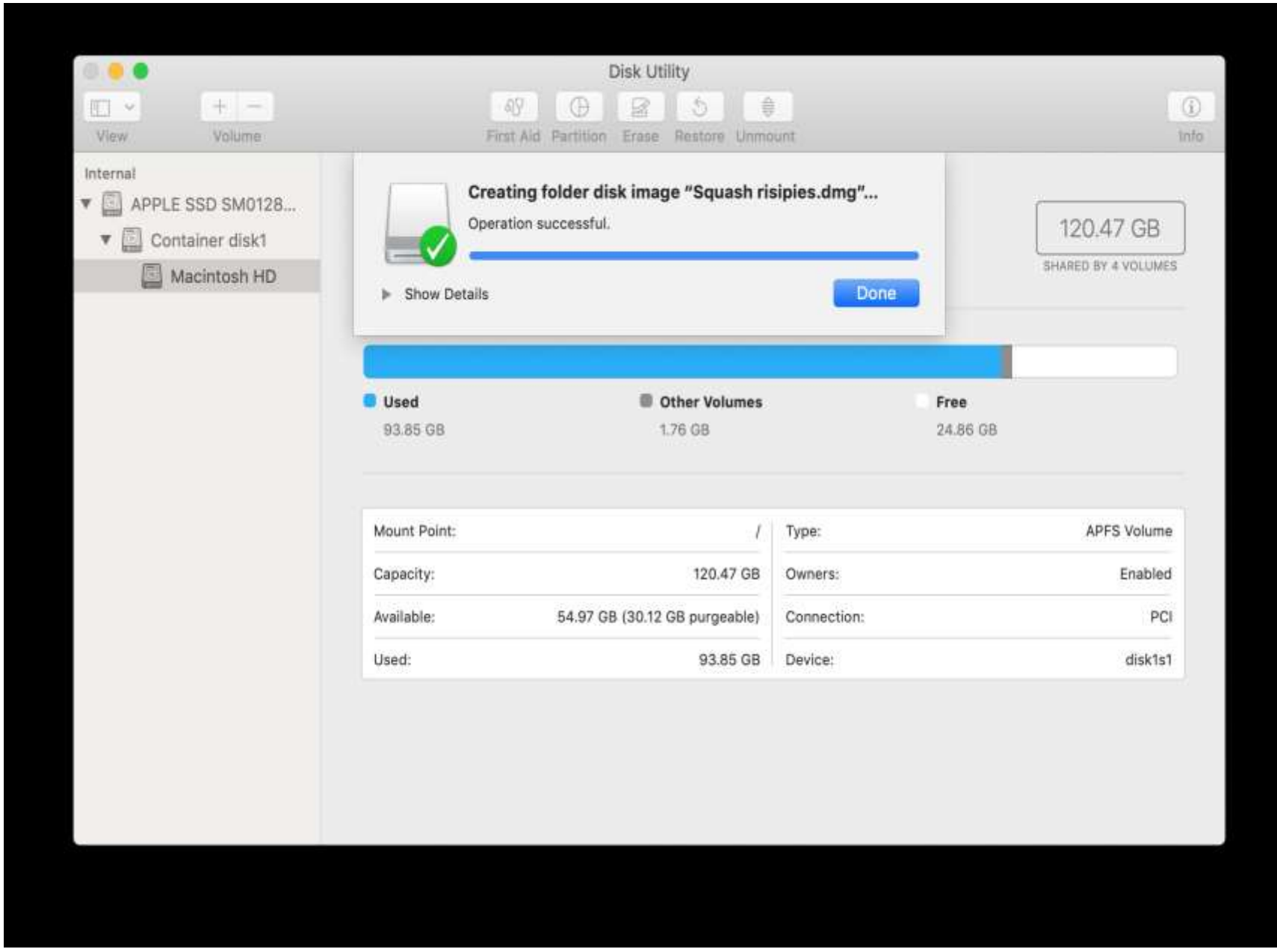
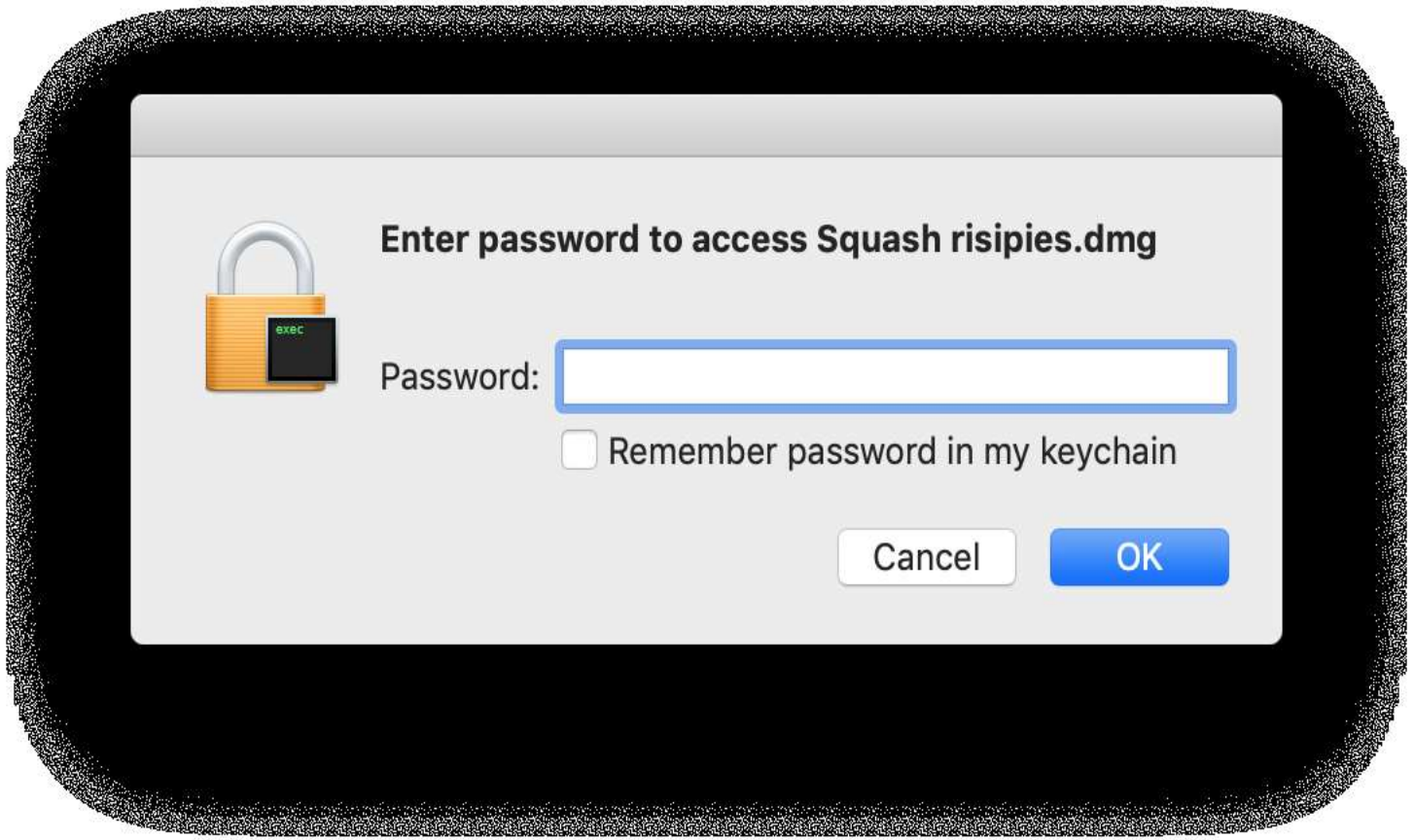
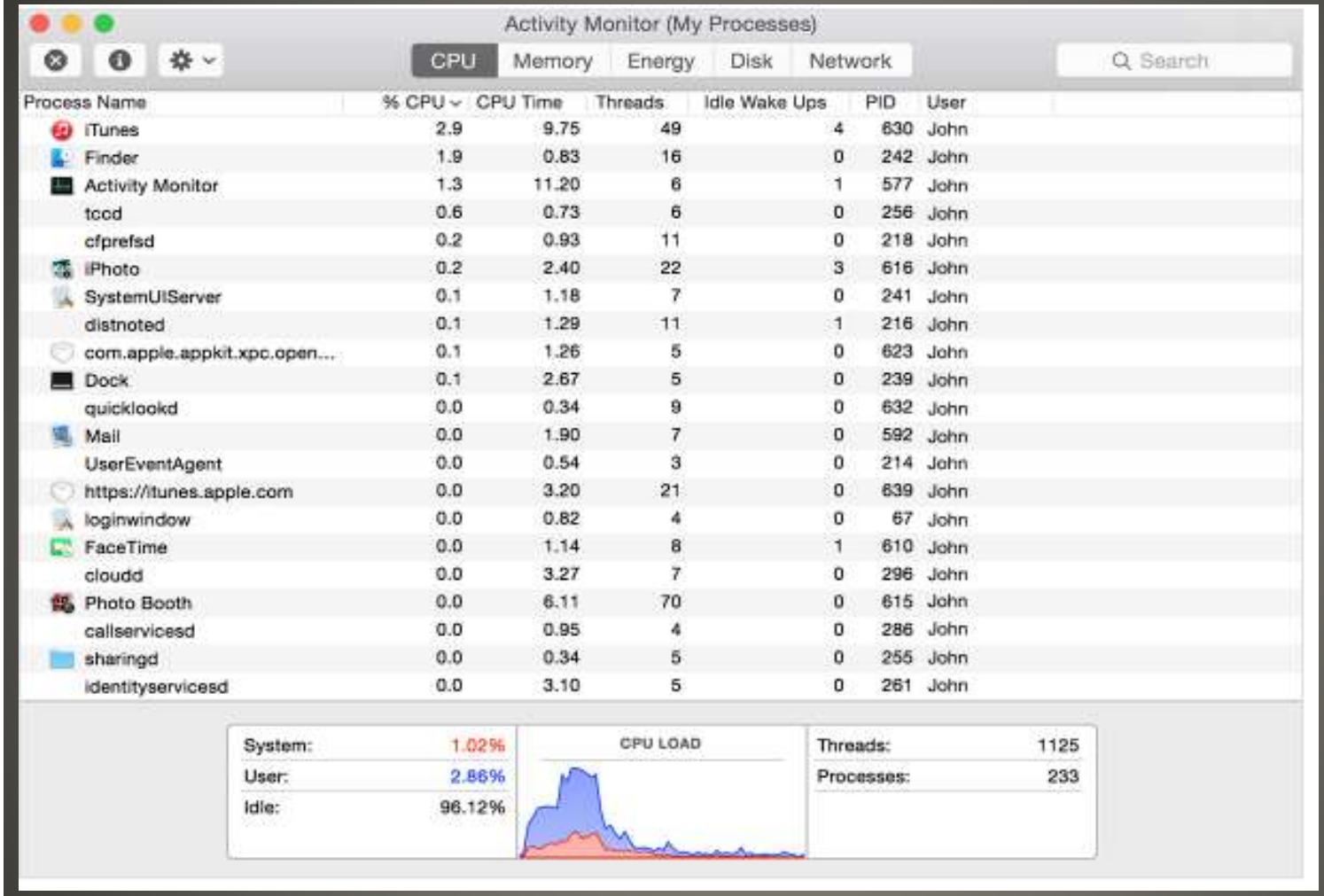
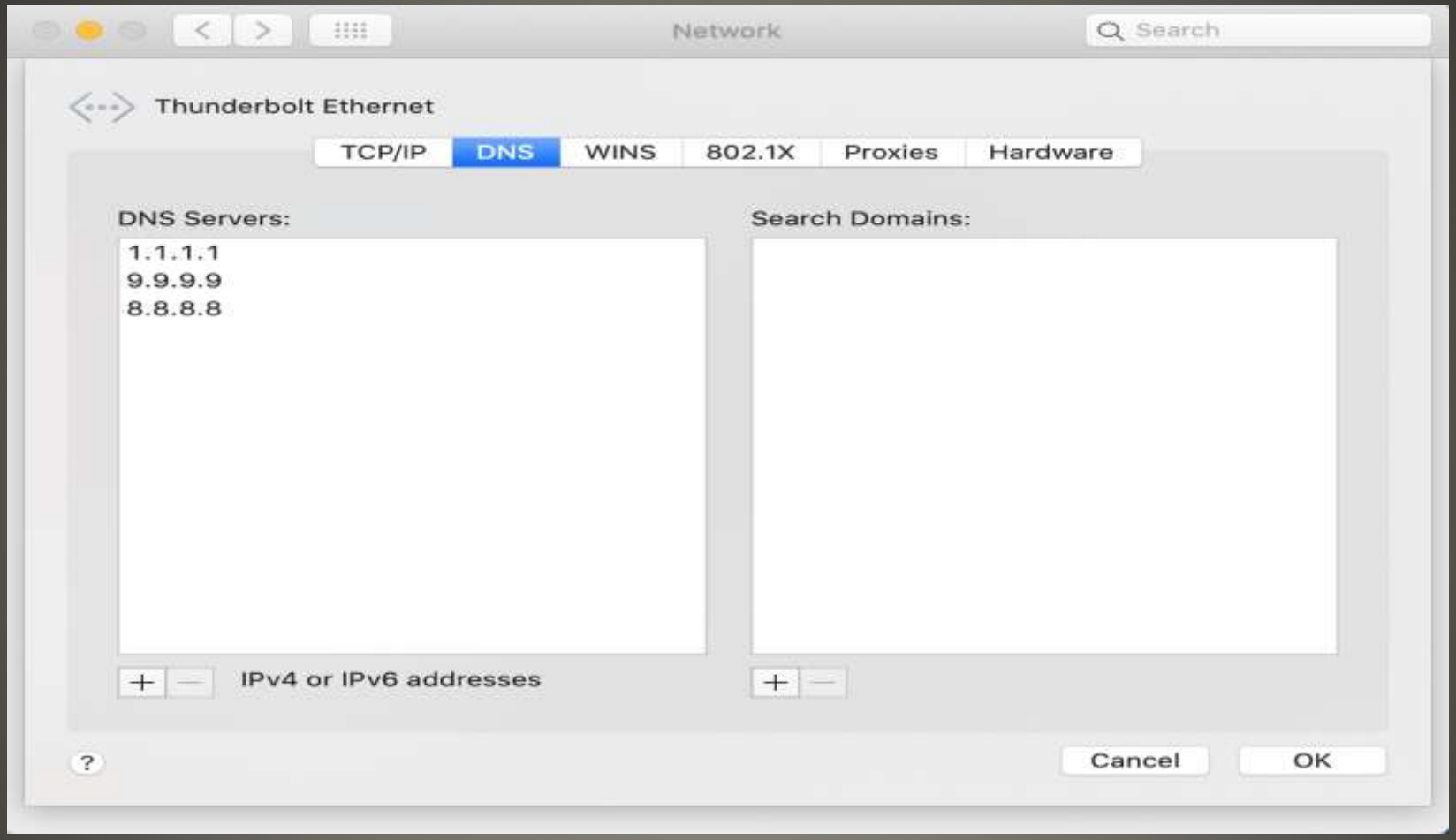
Save


Disk Utility
View
Volume
First Aid
Partition
Erase
Restore
Unmount
Info
Internal
APPLE SSD SM0128...
Container disk1
Macintosh HD
Creating folder disk image "Squash risipies.dmg"...
Operation successful.
Show Details
Done
120.47 GB
SHARED BY 4 VOLUMES
Used
93.85 GB
Other Volumes
1.76 GB
Free
24.86 GB
Mount Point: /
Type: APFS Volume
Capacity: 120.47 GB
Owners: Enabled
Available: 54.97 GB (30.12 GB purgeable)
Connection: PCI
Used: 93.85 GB
Device: disk1s1

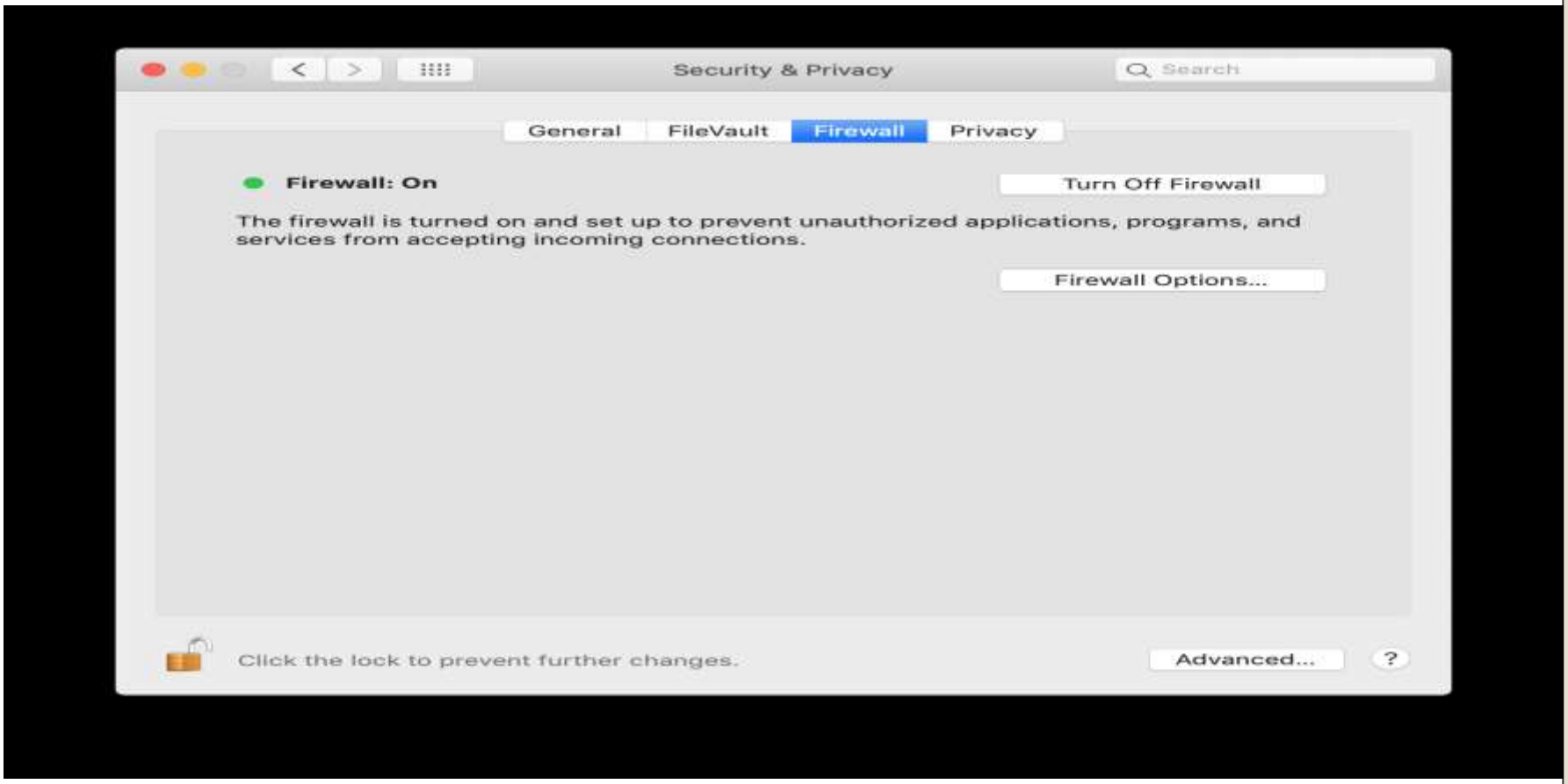

Enter password to access Squash risipies.dmg
exec
Password:
Remember password in my keychain
Cancel
OK

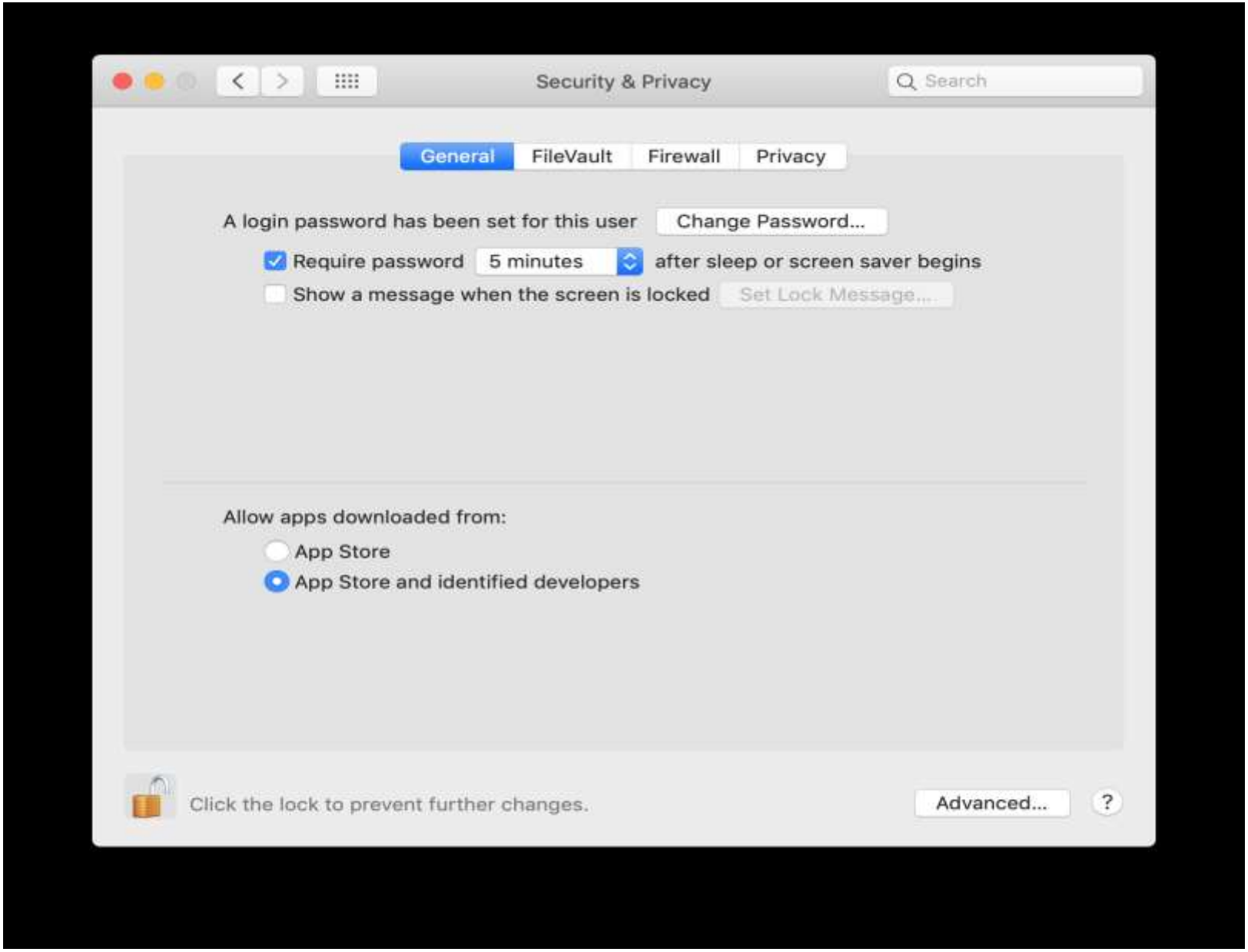


Activity Monitor


Network
Search
Thunderbolt Ethernet
TCP/IP
DNS
WINS
802.1X
Proxies
Hardware
DNS Servers:
1.1.1.1
9.9.9.9
8.8.8.8
Search Domains:
IPv4 or IPv6 addresses
Cancel
OK

DNS


Security & Privacy
Search
General
FileVault
Firewall
Privacy
Firewall: On
Turn Off Firewall
The firewall is turned on and set up to prevent unauthorized applications, programs, and services from accepting incoming connections.
Firewall Options...
Click the lock to prevent further changes.
Advanced...
?


Security & Privacy
Search
General
FileVault
Firewall
Privacy
A login password has been set for this user
Change Password...
Require password
5 minutes
after sleep or screen saver begins
Show a message when the screen is locked
Set Lock Message...
Allow apps downloaded from:
App Store
App Store and identified developers
Click the lock to prevent further changes.
Advanced...
?

WEB analytics

- MacOS in Windows VM
- MacOS in MacOS VM

- Tor, Brave, Vivaldi, Chrome, Edge, …
- The Amnesiac Incognito Live System TAILS

Safari browser

- Chicken Little
- Tortoise and hare
- Each of us safer, all of us safer
- Age does NOT diminish cognitive ability
- Life, Liberty, Pursuit of Happiness
- Cyber topics scare me
  Cyber Security SIG
  Cyber Security Blog
  Internet

- Do nothing no problem
  <most of us>
- Do everything - catastrophic