

# Sun City Computer Club

Big Sur



- [Audio Recording of this session](#)
- Use the link above to access MP4 audio recording



- 11.0.x
- General release 13-November
- Apple problems with release
- Support for Apple silicon
- MacOS X or MacOS 10.16

**MacOS Big Sur**



- No Intel 3<sup>rd</sup> gen CPUs
- No Nvidia GPUs

- MacBook (2015 or newer)
- MacBook Air (2013 or newer)
- MacBook Pro (Late 2013 or newer)
- Mac mini (2014 or newer)
- iMac (2014 or newer)
- iMac Pro (2017)
- Mac Pro (2013 and later)

**MACs supported**



- Don't worry, be happy?
- Linux?



- More like iPhone, iPad, etc.
- Rounded, smears,

**Look & Feel**



- More disk space

Installer 8.26GB -> 12.23GB

System partition 11.08GB -> 14.94GB

\* your space may vary

- More Memory
- More CPU

**More features, more resources**





# The look







Activity Monitor



App Store



Calculator



Calendar



Activity Monitor



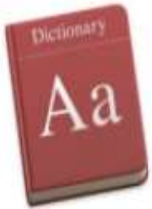
App Store



Calculator



Calendar



Dictionary



Disk Utility



Font Book



Mail



Dictionary



Disk Utility



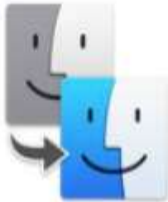
Font Book



Mail



Messages



Migration Assistant



Photo Booth



Photos



Messages



Migration Assistant



Photo Booth






Photos





# Control Center & Menu Bar



-  Scoop the cat  
9/28/20, 9:00 PM  
Complete  
Later
-  Edit the Bones zone  
10/5/20, 7:54 PM  
Complete  
Later
-  Submit Internet reimbursement T&E  
9/28/20, 10:00 AM  
Complete  
Later

Macintosh HD



System Reserved



Untitled



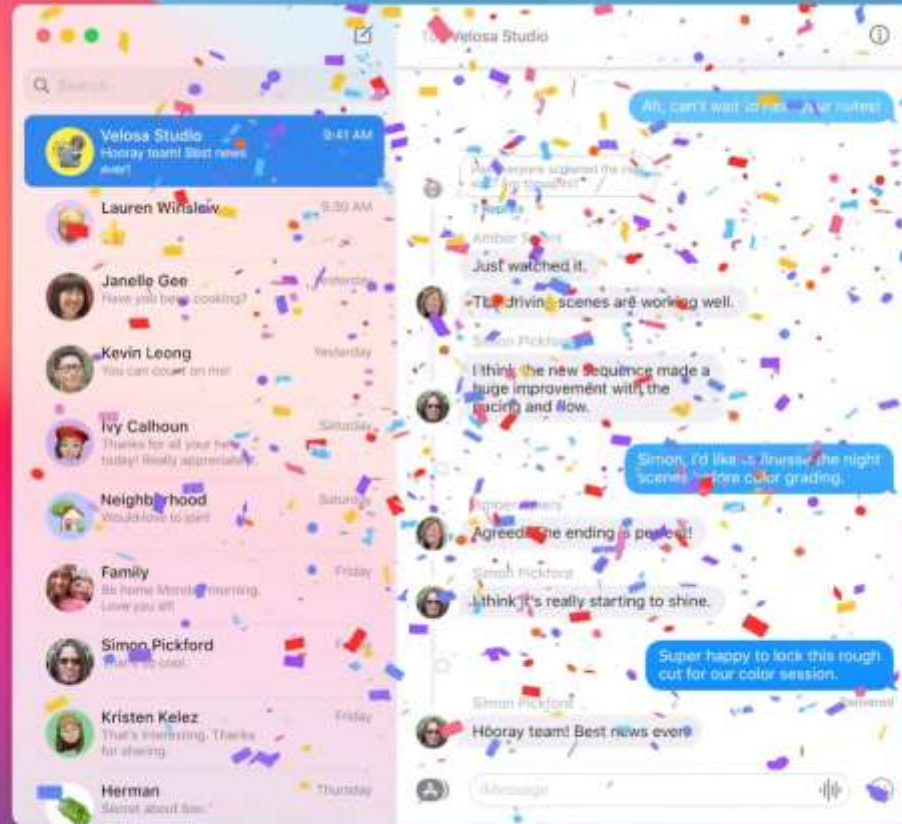
Update

# Notification Center



- New/modified sound effects
- New wallpapers
- Dynamic Desktop change colours





# Messages



- Just like iPhone iPad
- Photos library
- More search integration Gifs, etc.
- Group chat
- Pinned contacts

## Messages



- They say minor
- Video editing has trim

**Photos**





# Maps

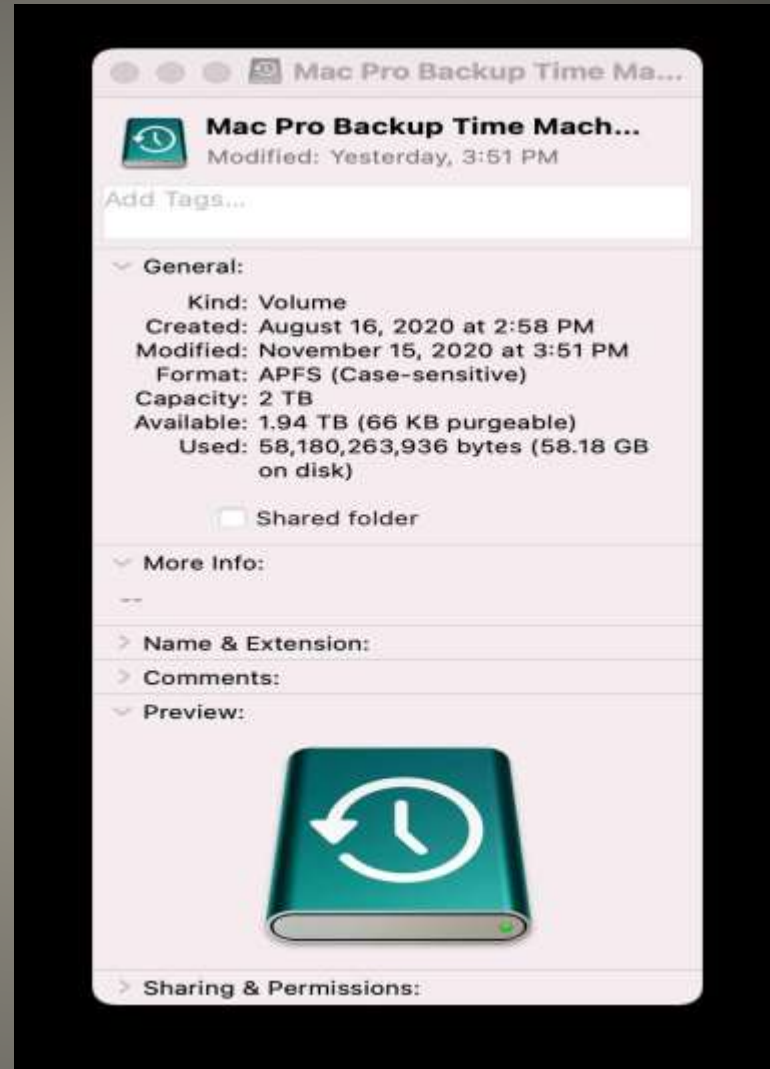




- Mail
- Calendar
- Reminders
- Notes
- iDevices progress bar
- Apple Filing Protocol(AFP) support removed
- Network utilities
  - netstat, ping, traceroute, whois, etc.
- DNS over HTTPS DNS over TLS
- App developer privacy practices
- Spotlight



- Now APFS
- APFS snapshots



# Time Machine





**Support for M1**



- APFS

cryptographically signed system volume  
SHA-256

helpful <-> harmful

bless

Backup needs to be Big Sur aware

carbon copy cloner

Future updates uses sealed volume  
snapshot

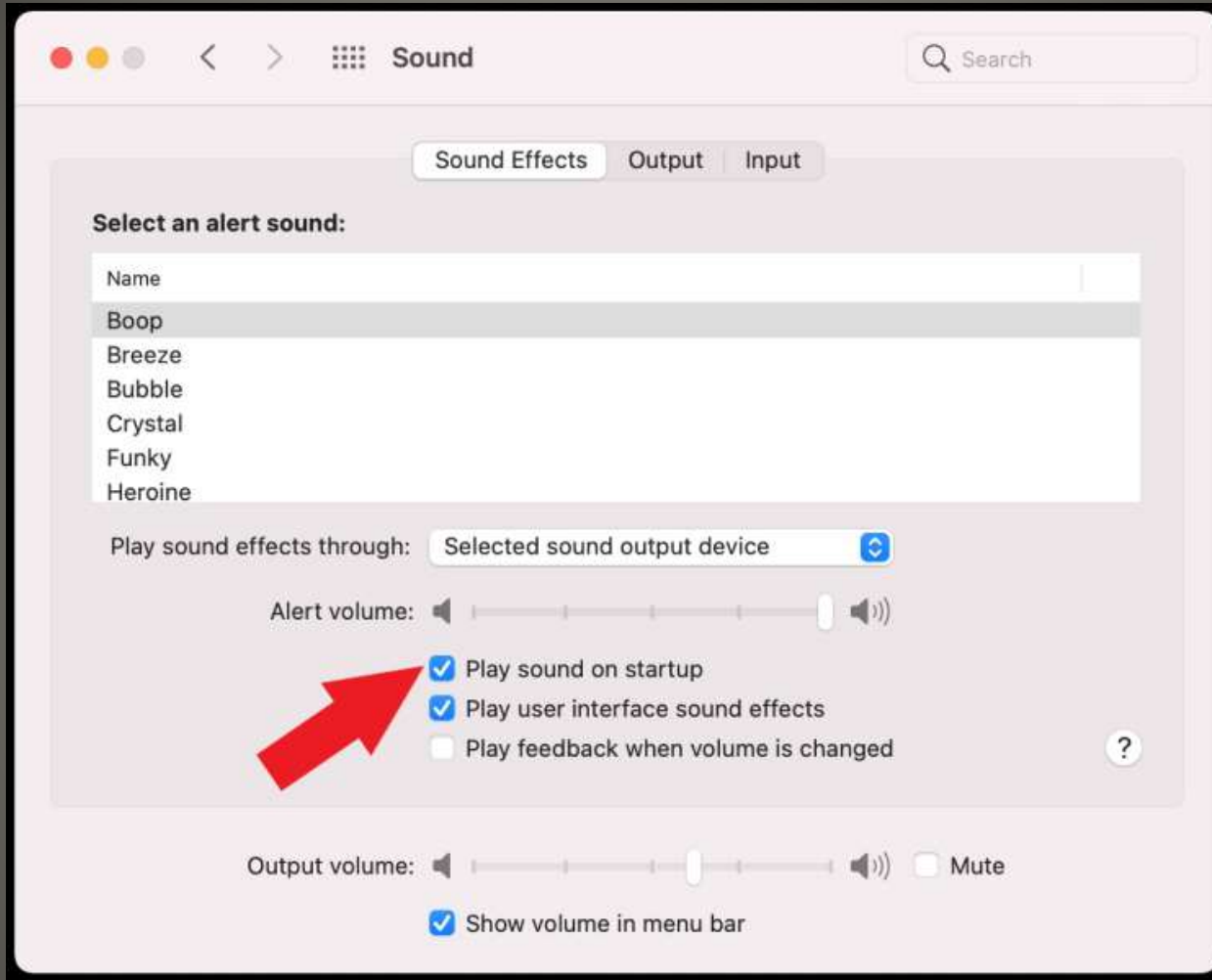
**Security**





# Battery usage history





# Startup sound



- Safari 14
- Not just Big Sur
- Mojave & Catalina




**Safari**



### Favorites

 Gmail	 Twitter	 Airtable	 Basecamp	 WC Drive	 Clean Amazon	 NYT apps	 Spelling Bee	 Guide Scraper
 WC Wiki	 Diplomacy	 Sisense	 750 words	 PPI Calculator	 Percentage Calculator	 Geekbench browser	 Learn to code   Co...	 Google Apps Ad...

### Privacy Report

 97 In the last seven days, Safari has prevented 97 trackers from profiling you.

### Siri Suggestions

Highlights From the Transition: Republican... nytimes.com		2020 Presidential Election Results: Joe Bi... nytimes.com	
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### Reading List

Microsoft: 'please do not blow vape smoke into y... theverge.com		Biden Names Ron Klain as White House Chief o... nytimes.com		Pixel 5 review: Google spends its bill-of-mate... arstechnica.com	
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### From Nero

macOS Mojave: How to Disable Mojave Screensh...





- Intelligent Tracking Prevention (ITP)
- Password monitoring & alerting
- No Flash
- Translating
- WebP image support
- HTTP/3 support
- Incremental loading of PDF
- Google's VP9 codec

**Safari 14**





Safari prevents trackers from following you across websites.

[Show More](#)

Last 30 days

Trackers prevented from profiling you

217

Websites that contacted trackers

61%

Most contacted tracker

**google-analytics.com was prevented from profiling you across 118 websites**

Websites

Trackers

Website	Number of trackers
> sallysbakingaddiction.com	86
> fandom.com	84
> washingtonpost.com	84
> macrumors.com	83
> politico.com	81
> newsweek.com	78
> fivethirtyeight.com	78



arstechnica.com

42 trackers prevented from profiling you



Trackers on This Webpage

adnxs.com

ads-twitter.com

adsafeprotected.com

adsrvr.org

advertising.com

amazon-adsystem.com

anxlv.com



- Available now Apple store
- BACKUP



Big Sur



- BACKUP



▼ General:

Kind: Volume

Created: January 1, 2020 at 2:00 AM

Modified: January 1, 2020 at 2:00 AM

Version: 11.0.1

Format: APFS

Capacity: 120.47 GB

Available: 61.65 GB (2.82 GB purgeable)

Used: 59,358,156,648 bytes (59.36 GB  
on disk)

**Disk space the purgeable problem**



- Manage – did not work for me
- Utilities on Internet – did not work for me
- Get a LARGE file - takes time & effort
- Not for the faint of heart

```
johnjenkinson — -bash — 94x8
Johns-MacBook-Pro:~ johnjenkinson$ mkdir ~/largefiles
Johns-MacBook-Pro:~ johnjenkinson$ dd if=/dev/random of=~/largefiles/largefile bs=150m
#wait
^C84+0 records in
83+0 records out
13054771200 bytes transferred in 39.002249 secs (334718421 bytes/sec)
Johns-MacBook-Pro:~ johnjenkinson$ rm -rf ~/largefiles
Johns-MacBook-Pro:~ johnjenkinson$ █
```

