Sun City Computer Club

MUG MAC Users Group

July 27, 2022

Questions, Comments, Suggestions welcomed at any time

Even Now

- [Audio recording of this session as MP4 file](#)
- Audio recording available at link shown above

Audio Recording In Progress

- Ever want to be a presenter??

Presenter???

SCCCCyber

Apple Updates Everything 20-July-2022

Apple released updates to most products 20-July-2022.

iOS and iPadOS 15.6

macOS 12.5

watchOS 9.7

tvOS 15.6

As before security issues are of concern. A bug fix for Safari.

AND

Big Sur 11.6.8   Catalina 10.15.7

- Safari
- Firefox
- Chromium based
  Chrome, Edge, Brave, Opera, Vivaldi, Tor
ACTIVE exploits
Suddenlink changes August 1

- Reminder! – Suddenlink Changes effective August 1
- August Classes!
- Wednesday Afternoon Lab Hours – Suspended for Summer
- Computer Club OPEN – Internet Cafe Still Under Construction
- Printer and Media Payments in the Computer Lab
- Now Accepting: Reader–Submitted Newsletter Articles
- Upcoming SIG Meetings!

- Public Beta release 1
- BACKUP
- Heavily Instrumented releases – Privacy
- Less and less hardware supported
- Use "spare" devices if possible
- Consider Mac Volume over partition
- BACKUP
- Free space 30GB minimum
- Partition hard limit
- APFS

Beta Beta Beta

- HFS+ partition required
- APFS Conversion
- Disk Utilities > Select drive > Name > Add
- Size options
  Reserve size – minimum amount of space
  Quota size -

Ventura

- Fewer Mac models supported
- Gatekeeper
  More than first load
  BUT users can currently override
- System Preferences > System Settings
  Manage Login Items, LaunchAgents, LaunchDaemons
- Passkeys
  Synch iCloud keychain
  Apple products   close proximity

Ventura security changes

- Launch Daemons are standalone background processes managed by launchd, running as root before the user logs in, and communicating indirectly with user processes, normally by XPC. They're not allowed to connect to WindowServer.

- Launch Agents are also managed by launchd, but normally run on the user's behalf, communicating with other processes and daemons. Although they can have GUI interfaces, they're normally minimal.

- Login Items are usually small apps started when the user logs in, which continue to run until they log out or quit them. These are often used to launch other helpers automatically, but may simply provide convenient access to app features, such as through a menu bar tool.

What?
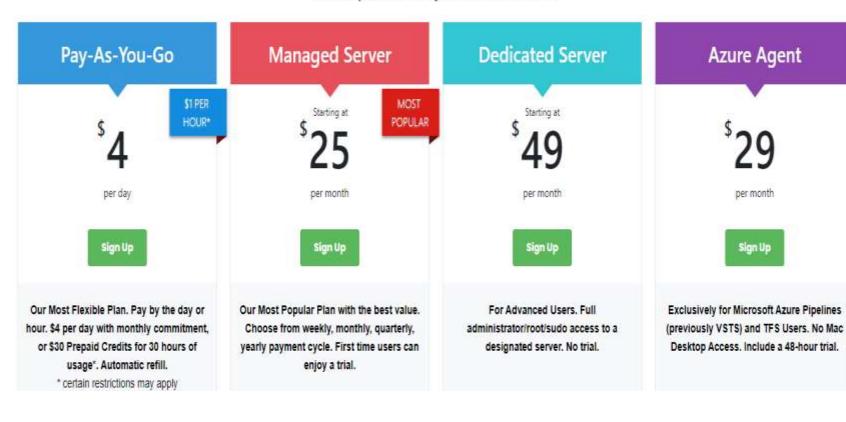
- As developers write for macOS 13

New Control
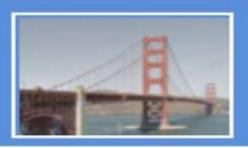
Which plan would you like to choose?

Pay-As-You-Go

$1 PER HOUR*

$ **4**

per day

Sign Up

Our Most Flexible Plan. Pay by the day or hour. $4 per day with monthly commitment, or $30 Prepaid Credits for 30 hours of usage*. Automatic refill.

* certain restrictions may apply

Managed Server

MOST POPULAR

Starting at

$ **25**

per month

Sign Up

Our Most Popular Plan with the best value. Choose from weekly, monthly, quarterly, yearly payment cycle. First time users can enjoy a trial.

Dedicated Server

Starting at

$ **49**

per month

Sign Up

For Advanced Users. Full administrator/root/sudo access to a designated server. No trial.

Azure Agent

$ **29**

per month

Sign Up

Exclusively for Microsoft Azure Pipelines (previously VSTS) and TFS Users. No Mac Desktop Access. Include a 48-hour trial.

- CAPTCHAS -> Private Access Tokens

Ventura security changes

- CAPTCHAS -> Private Access Tokens
  Developers need to add capability
- ESLogger
  Endpoint Security framework
  Third party use of Notify
  Forensics, Alerts
- DNSSEC
  DNS snooped AND spoofed
  data integrity via digital signatures
  and iOS 16

Ventura security changes

- MacBook Pro M2 has slower SSD speeds than M1 counterpart

  - 13-inch MacBook Pro (M1/256GB) Read Speed: 2,900
  - 13-inch MacBook Pro (M2/256GB) Read Speed: 1,446
  - 13-inch MacBook Pro (M1/256GB) Write Speed: 2,215
  - 13-inch MacBook Pro (M2/256GB) Write Speed: 1,463

Current Issues

- 256GB entry level storage
- M2 Single NAND chipset
- M1 Dual NAND chipsets

M2 Macs SSD slower - Why

- No Ventura
2013 Mac Pro
2014 Mac mini
2015-2017 MacBook Pro
2015-2016 iMac
2016 MacBook
- PowerPC -> Intel 2005
- Intel Ventura to NOT have features
  Live Captions
  Reference Mode
  Emoji dictation

Ventura and Intel Macs

- Abruptly closed June 9

Simply Mac

- Laptop sleep
  Power settings
  Time Machine disk
  Caffeine Amphetamine App store
  Terminal app

caffeinate -d To prevent the display from sleeping

caffeinate -i To prevent the system from idle sleeping

caffeinate -m To prevent the disk from going idle

caffeinate -s Keep the Mac awake while it is plugged into AC power

caffeinate Now, your Mac will stay awake for as long as you leave the Terminal running. To stop this, use the keyboard shortcut Ctrl+C

caffeinate -t 1800 & Here 1800 is the time in seconds. You can set it to anything. Now your Mac will stay awake for this time duration

Laptop Sleep

```
Last login: Fri Jul 15 11:15:41 on ttys000
[johnjenkinson@MacBook-Air ~ % caffeinate -m
^C
[johnjenkinson@MacBook-Air ~ % caffeinate -m &
[1] 20530
[johnjenkinson@MacBook-Air ~ %
[johnjenkinson@MacBook-Air ~ % ps
  PID TTY           TIME CMD
20440 ttys000    0:00.02 -zsh
20530 ttys000    0:00.01 caffeinate -m
johnjenkinson@MacBook-Air ~ %
```

- Disabled by default
- Enable when needed   Disable when not
- SSH and SFTP

Enable SSH on Mac

- sudo systemsetup -setremotelogin on
- sudo systemsetup -setremotelogin off

- sudo systemsetup -getremotelogin

Enable SSH on Mac

- Battery Life
- Charger 67W $59

MacBooks

- Monterey 12.4 Safari 15.5 (17613.2.7.1.8)
- Monterey 12.5 Safari 15.6 (17613.3.9.1.5)
- Ventura Beta 2 Safari 16 (18614.1.19.1.5)
- iOS 15.5 Safari 15.5
- iOS 15.6 Safari 15.6

Safari version

macOS 12.5		12.5	Apple	5/20/22, 8:26 AM
macOS 12.5		12.5	Apple	6/1/22, 6:29 PM
macOS 12.5		12.5	Apple	6/15/22, 2:11 PM
macOS 12.5		12.5	Apple	6/25/22, 12:28 PM
macOS 12.5		12.5	Apple	7/6/22, 11:00 AM
macOS 12.5		12.5	Apple	7/13/22, 11:21 AM
macOS 12.5		12.5	Apple	7/18/22, 1:56 PM

Safari Technology Preview	121	Apple	2/25/21, 5:27 PM
Safari Technology Preview	122	Apple	3/12/21, 10:38 AM
Safari Technology Preview	123	Apple	4/12/21, 1:45 PM
Safari Technology Preview	124	Apple	5/9/21, 10:58 AM
Safari Technology Preview	125	Apple	5/27/21, 4:09 PM
Safari Technology Preview	126	Apple	6/22/21, 10:37 AM
Safari Technology Preview	127	Apple	7/1/21, 7:18 PM
Safari Technology Preview	128	Apple	7/22/21, 8:24 AM
Safari Technology Preview	129	Apple	8/5/21, 11:54 AM
Safari Technology Preview	130	Apple	8/19/21, 8:33 AM
Safari Technology Preview	131	Apple	9/2/21, 10:28 AM
Safari Technology Preview	132	Apple	9/16/21, 4:56 PM
Safari Technology Preview	133	Apple	10/1/21, 10:32 AM
Safari Technology Preview	134	Apple	10/28/21, 11:25 AM
Safari Technology Preview	135	Apple	11/16/21, 12:39 PM
Safari Technology Preview	136	Apple	12/9/21, 10:49 AM
Safari Technology Preview	137	Apple	12/20/21, 9:47 PM
Safari Technology Preview	138	Apple	1/20/22, 11:14 PM
Safari Technology Preview	139	Apple	1/28/22, 11:46 AM
Safari Technology Preview	140	Apple	2/10/22, 3:49 PM
Safari Technology Preview	141	Apple	3/7/22, 11:28 AM
Safari Technology Preview	142	Apple	3/25/22, 10:05 AM
Safari Technology Preview	143	Apple	4/9/22, 10:10 AM
Safari Technology Preview	144	Apple	5/3/22, 11:08 AM
Safari Technology Preview	145	Apple	5/12/22, 11:40 PM
Safari Technology Preview	146	Apple	5/26/22, 1:48 PM
Safari Technology Preview	147	Apple	6/22/22, 12:13 PM
Safari Technology Preview	148	Apple	6/29/22, 3:43 PM
Safari Technology Preview	149	Apple	7/16/22, 2:48 PM

Work Continues

- No heat spreader?

New Macbook Air

- TouchID
- Wi-Fi 6
- 2 Thunderbolt ports
  1 Gig ethernet USB-3

MacBook Air M1

- Off topic …
- Could have auto instruments displayed
- Kids can see how full fuel/batteries are
- Spouse can see how fast
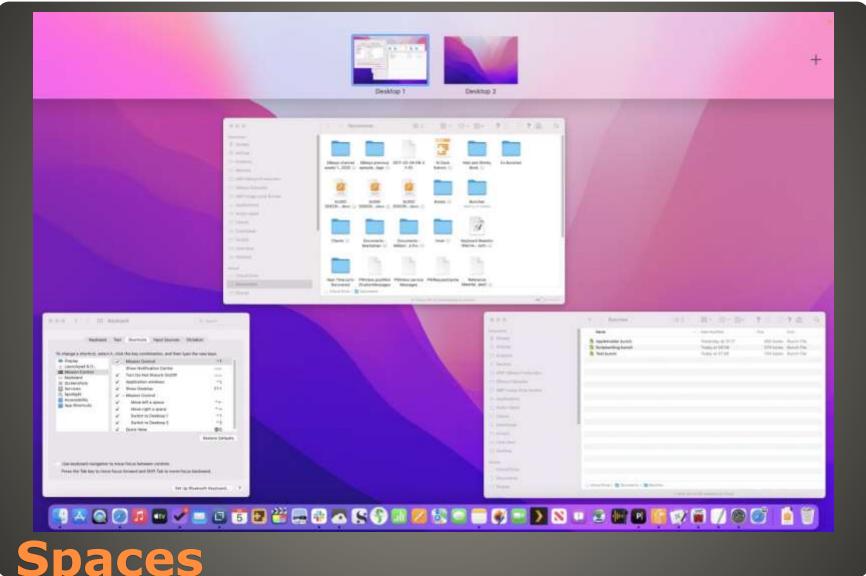- Apple collecting data for Apple car?
- Android?

Apple Car Play

- Mail

  Search recent, attachments, links, photos, etc.
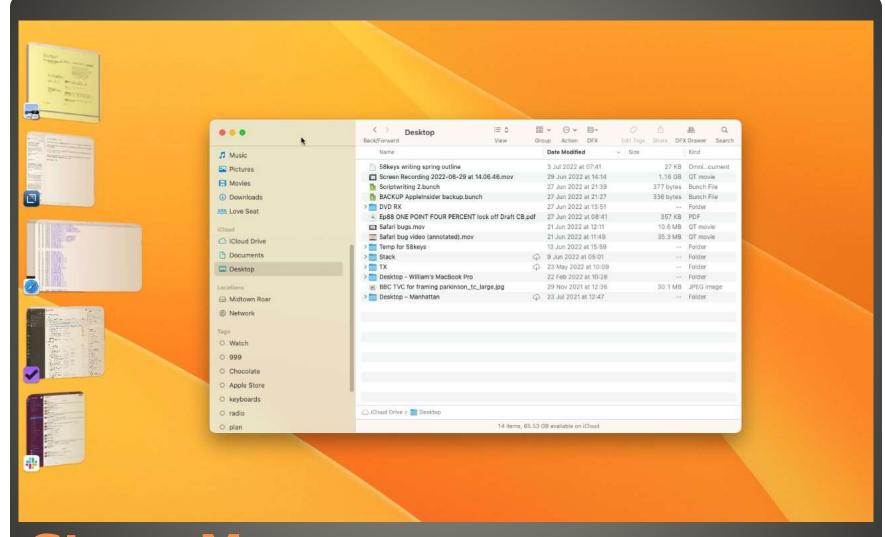 Follow-up (reminder)
  Scheduled send
  Unsend 10-seconds
  Rich links
- Continuity Camera
   iPhones camera with Mac

- Live Text

Ventura

- Stage Manager　Ventura
- Spaces　macOS X　2006

Stage Manager　　Spaces

Spaces

Stage Manager

- Anything not used is out of sight
- Everything you are using is grouped together
- Fast   Under development

- Upon exit all is clumped

Stage Manager

Spaces

Continuity Camera

- Center Stage
- Studio Light
- Desk View

Continuity camera

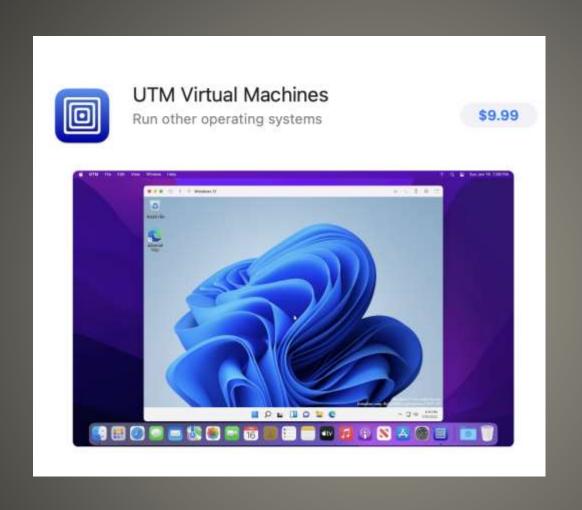**Photos**

MacMost

- Working on seminar
- World writeable files System and/or Library
- Safer not Safe

macOS Security Checklist

M1 virtualization

- Various Linux
- Windows 7, 10, XP

UTM Options

- Not Virtual Box - no plans
- VMware Fusion Player beta
- UTM wrapper for QEMU
- Parallels
- Orka
  Orchestration with Kubernetes on Apple
   Containers
- Memory Disk Network

M1 VM Options

Your Input Please

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: scccMUG@gmail.com

- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

Computer Club, Help Center, SIGs, Presentations, classes
Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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