

How to install or update Mac OS 11 Big Sur

Within home lab, I am running Mac OS Catalina. Below is the screen shot. I will upgrade this OS to the Beta OS 11 Big Sur and check out new features. Sit back and enjoy!

On the big debut of Apple's new version of MacOS Big Sur, a slip of somebody's finger led Apple to accidentally call its new operating system "Bug Sur" instead.

The typo was in an email sent to people who'd signed up to test its new beta software, which Apple revealed today at its WWDC conference for programmers. A graphic touting the new software in the Apple e-mail got the name right, though. Big Sur is the newest in a series of Apple names drawn from scenic parts of California such as the Sierra Nevada, Catalina Island and Mojave Desert.

1. Create new admin user account without password in macOS Catalina before you start upgrade.
2. Sign up for Apple Beta Program – Link below
3. Enroll the device
4. Download the profile file – macOS Public Beta Access Utility
5. Click Install profile
6. The new macOS should show up in software update

<https://apple.sjv.io/c/221109/795481/7613?subId1=trd-2760850391962368500&u=https%3A%2F%2Fbeta.apple.com%2Fsp%2Fbetaprogram>

Apple Beta Software Program

FAQ Sign In

Apple Beta Software Program

Guide Enroll Your Devices Provide Feedback FAQ Sign Out

② Enroll your Mac

When you enroll your Mac using the macOS Public Beta Access Utility, you get access to public beta software. Simply click the link below to download the utility and run the installer. Please follow the onscreen instructions.

Note: Only new users need to enroll their Mac.

[Download the macOS Public Beta Access Utility](#)

I am running virtual machine inside Parallel Desktop. If you are running with VMWare workstation or VMWare Fusion or Virtual Box you will come across this error during the upgrade. Below is the fix



Run below command on Host Mac Machine

```
sysctl hw.model  
ioreg -l | grep board-id
```

FOR VMWARE WORKSTATION VIRTUAL MACHINE

Open VMX file and add these entries at the end and save the file. Please modify the model and board id according to your machine. Make sure virtual machine is turned off before you edit the settings.

```
smbios.reflectHost = "True"  
hw.model = "MacBookProxx, x"  
board-id = "Mac-██████████"
```

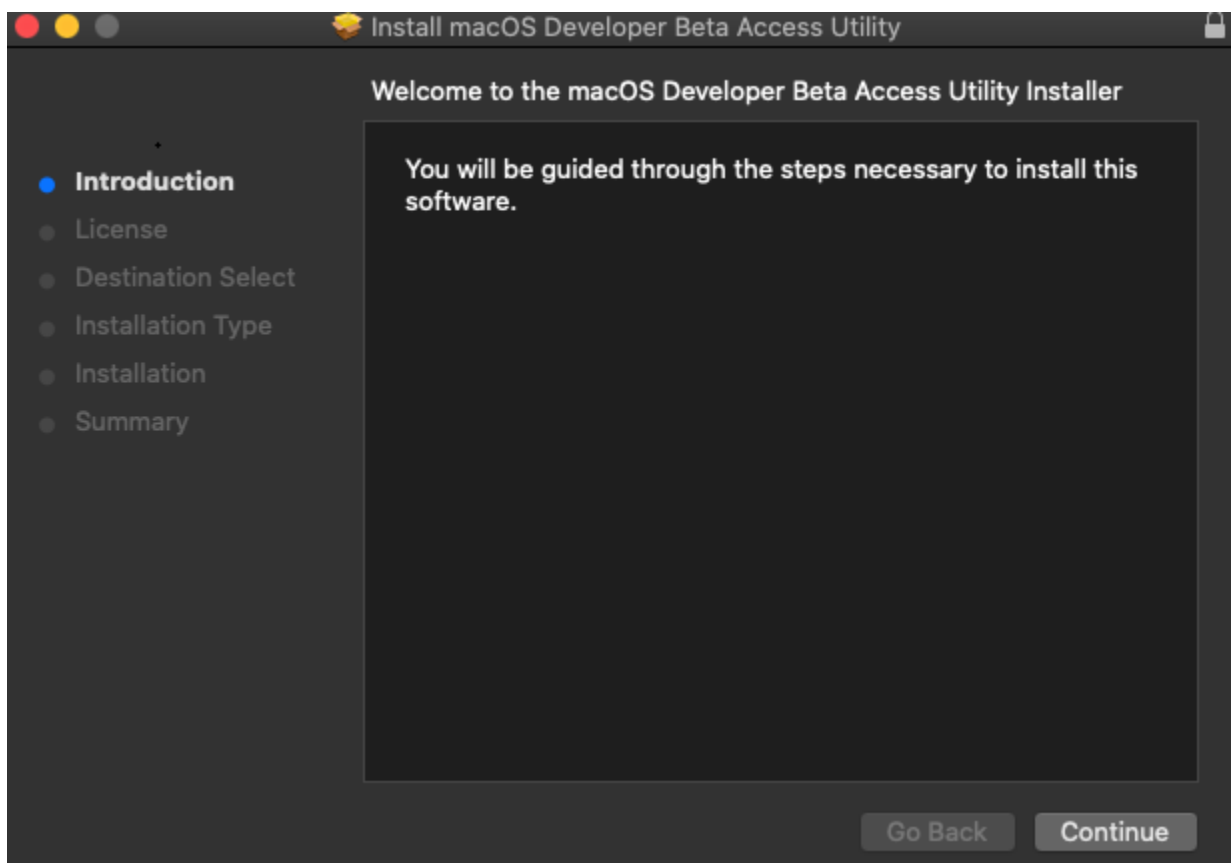
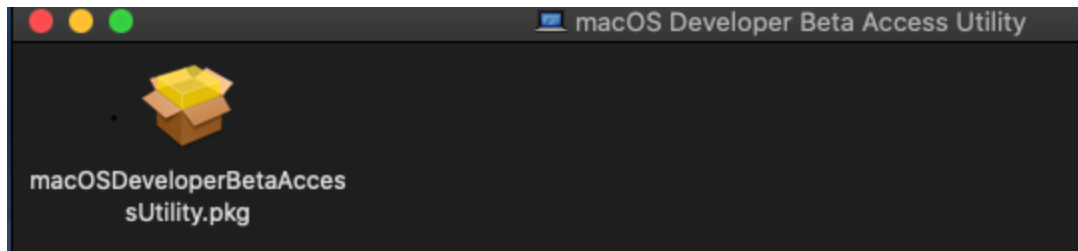
FOR PARALLEL DESKTOP VIRTUAL MACHINE

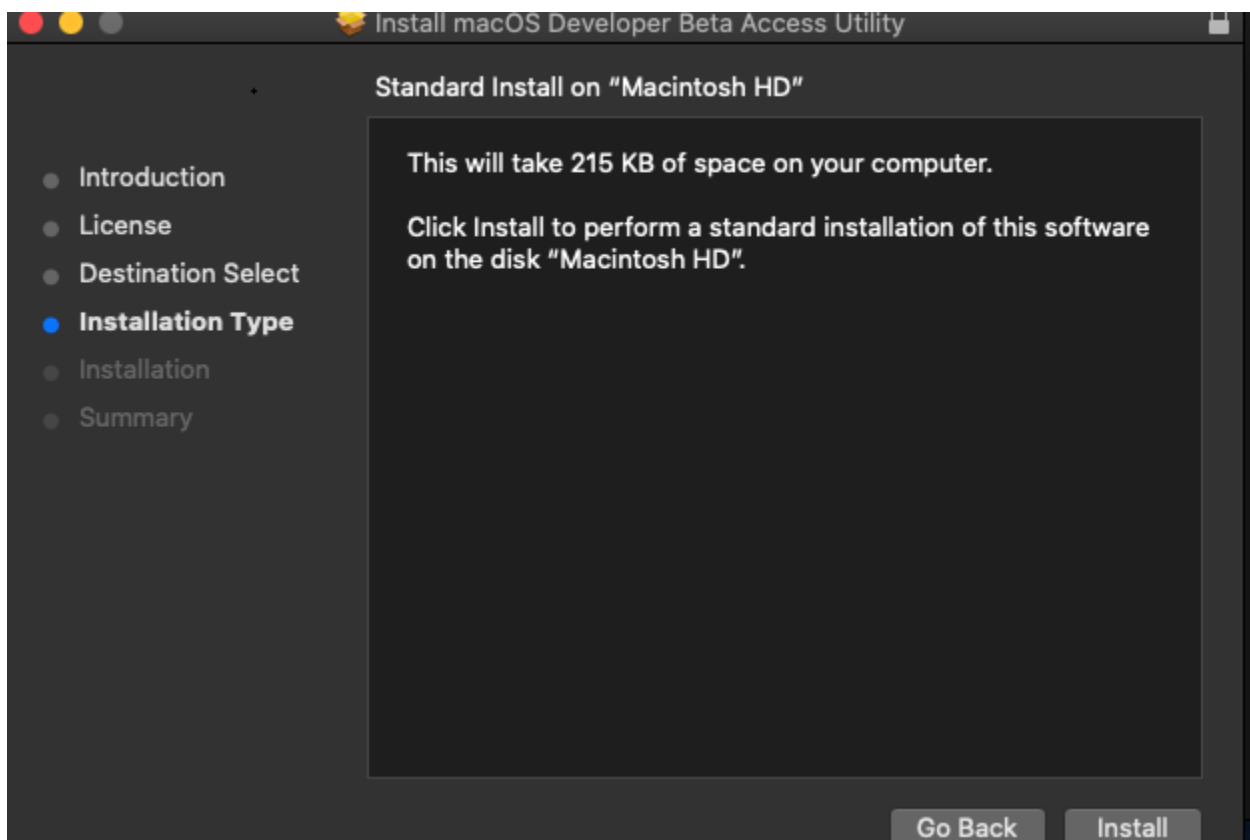
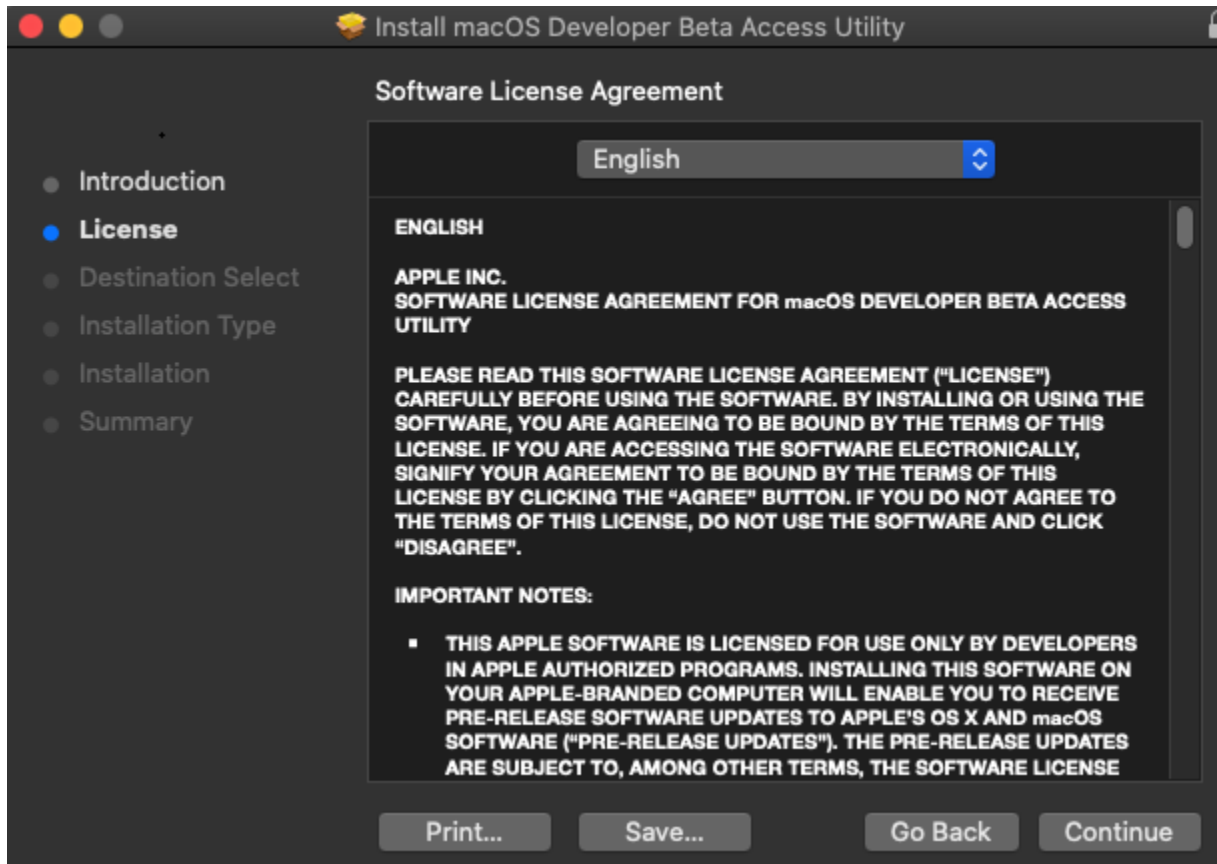
Open Settings – Hardware – Boot Order – Boot Flag – Add below entries. Make sure virtual machine is turned off before you edit the settings.

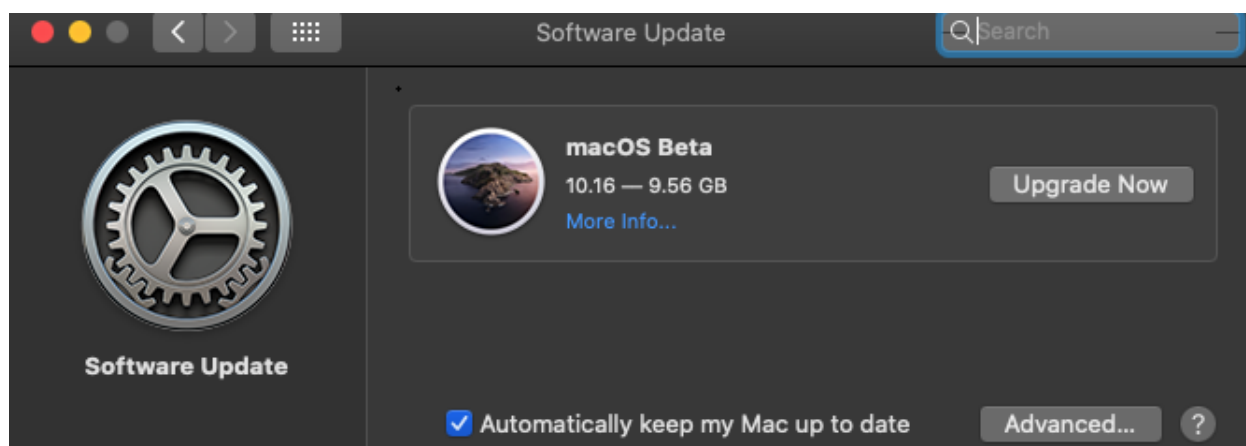
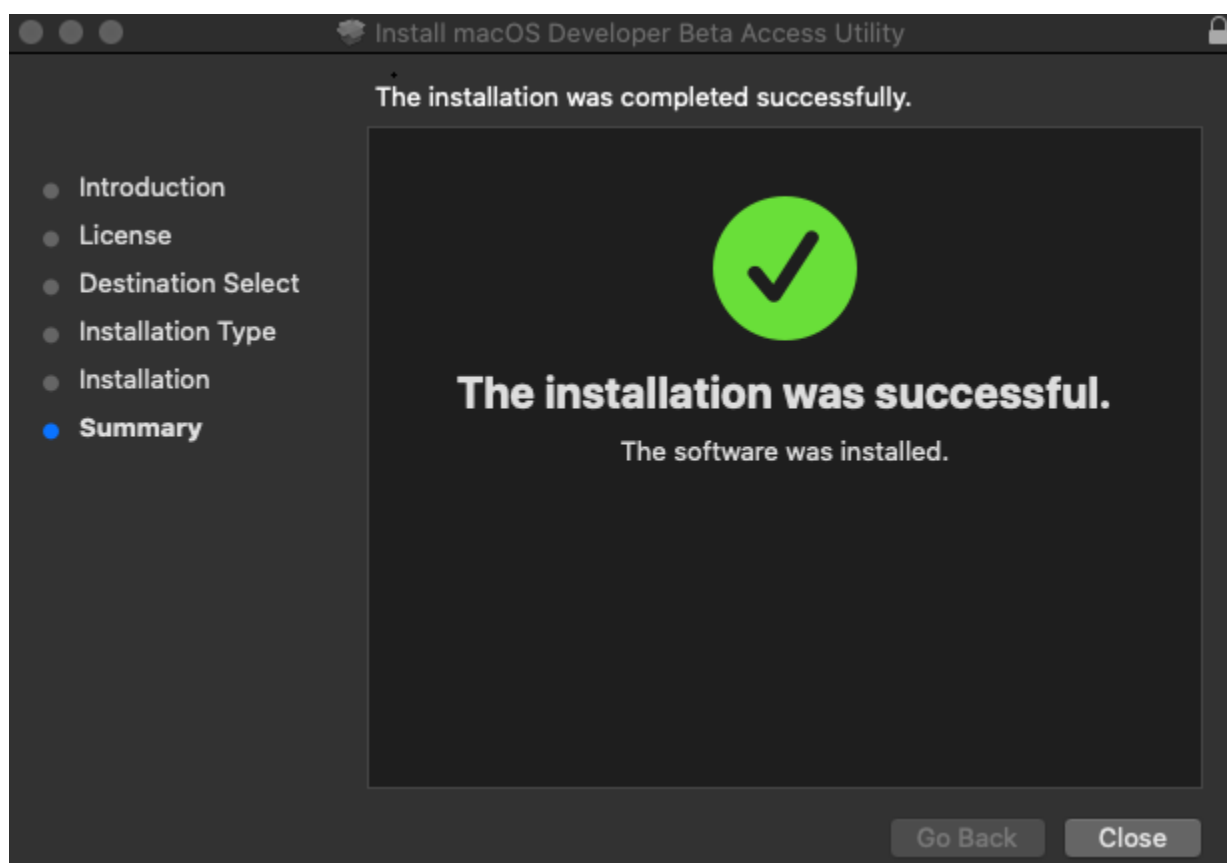
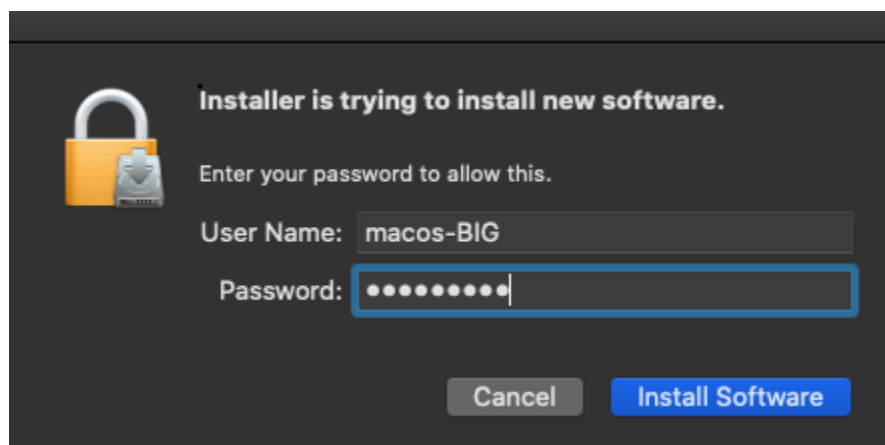


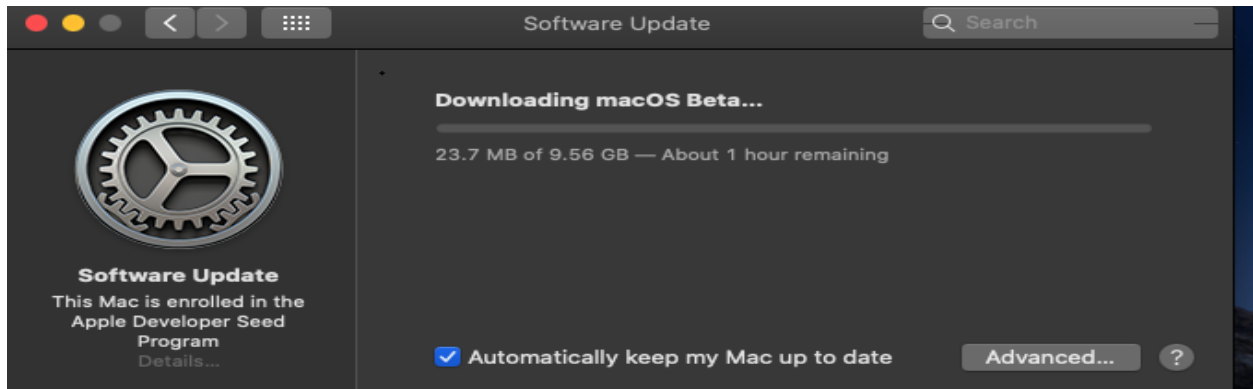
```
devices.mac_hw_model=" MacBookProxx, x "  
devices.smbios.board_id="Mac-██████████"
```

Now let's start the upgrade to Mac OS Big Sur Beta 11.0



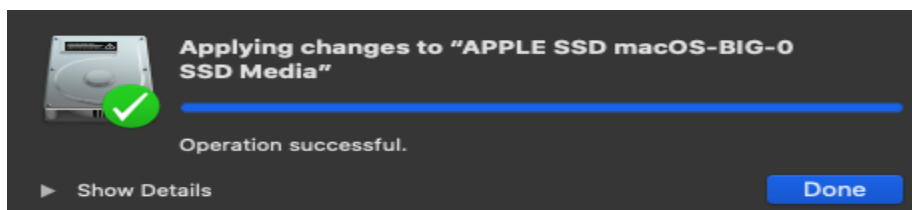
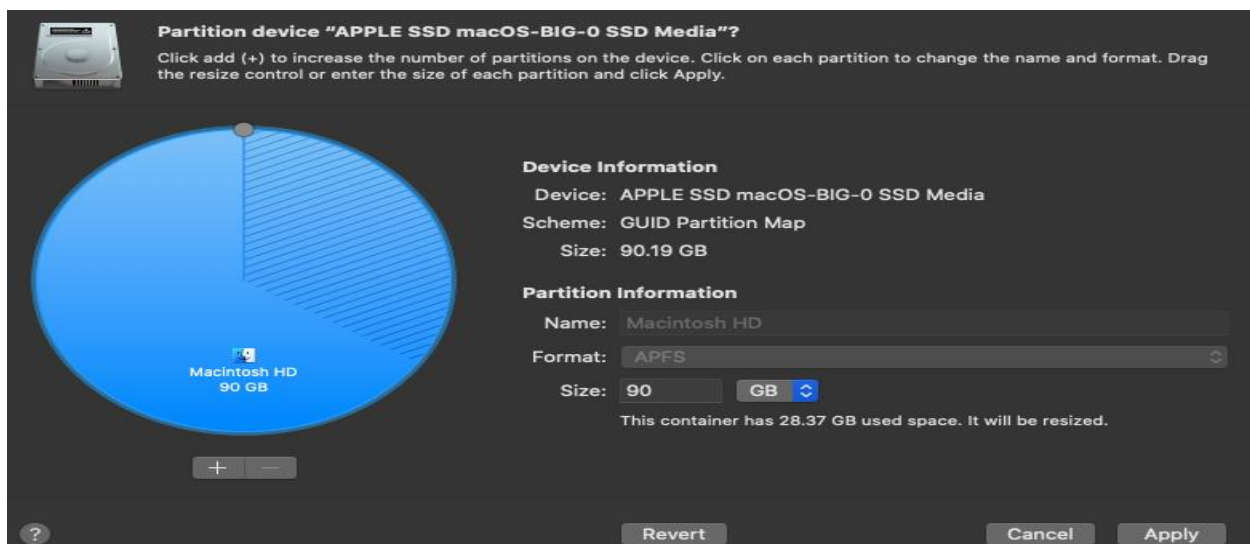
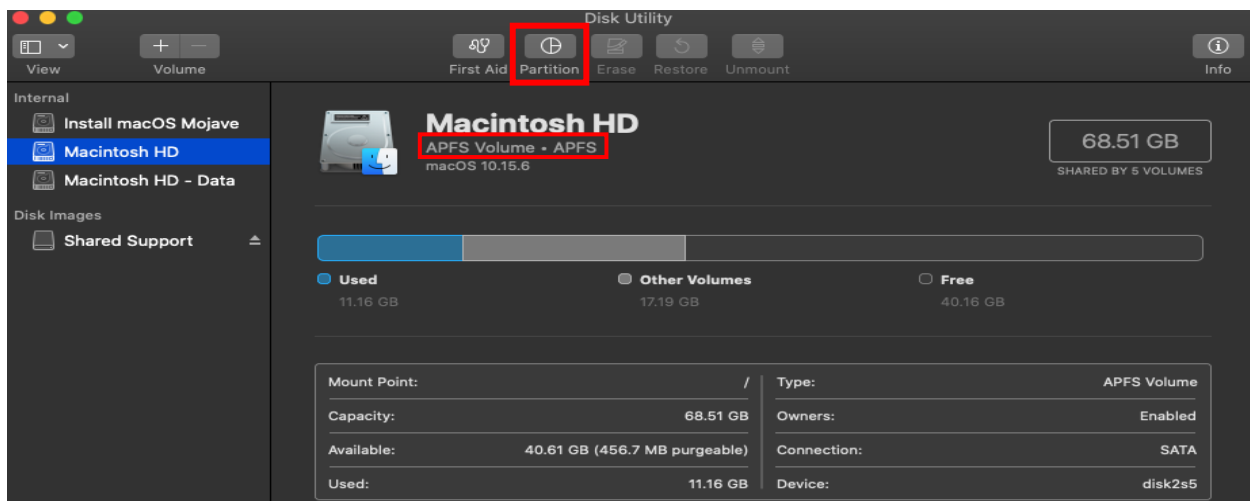
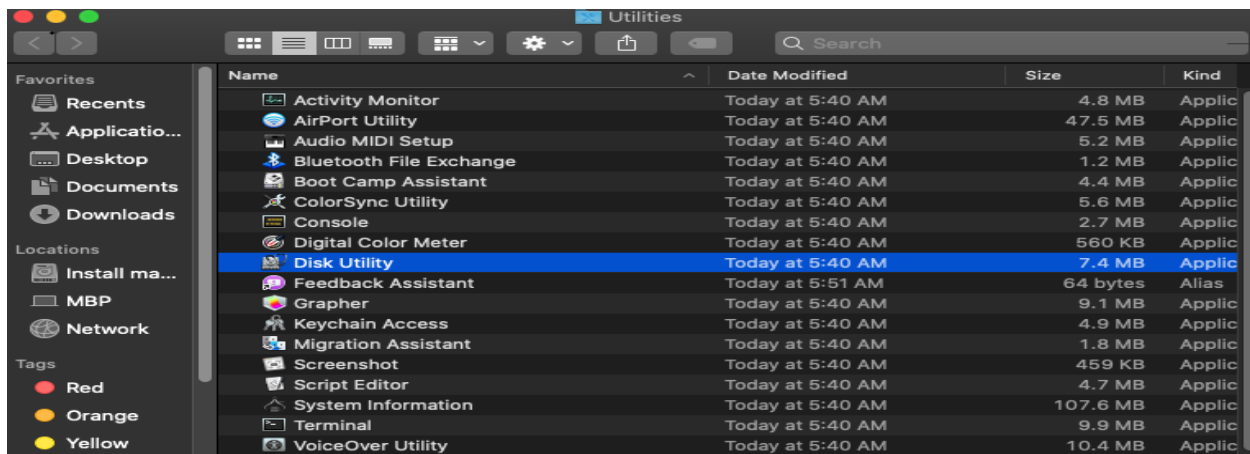


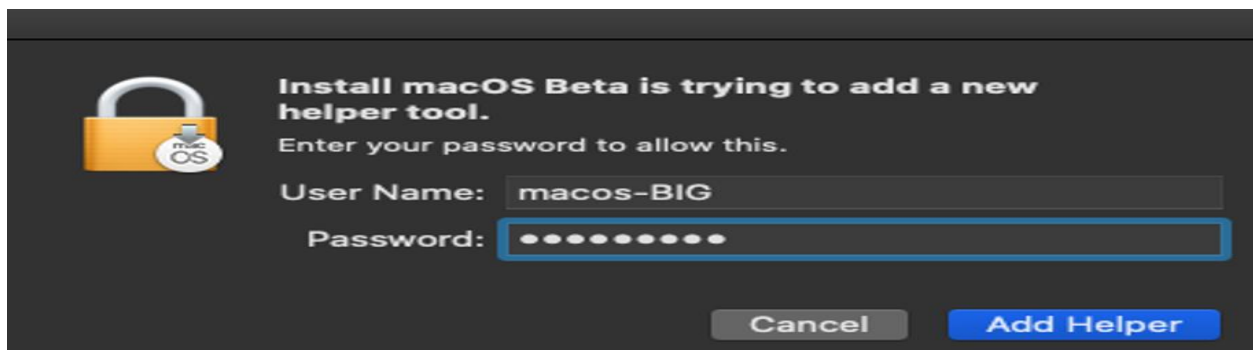


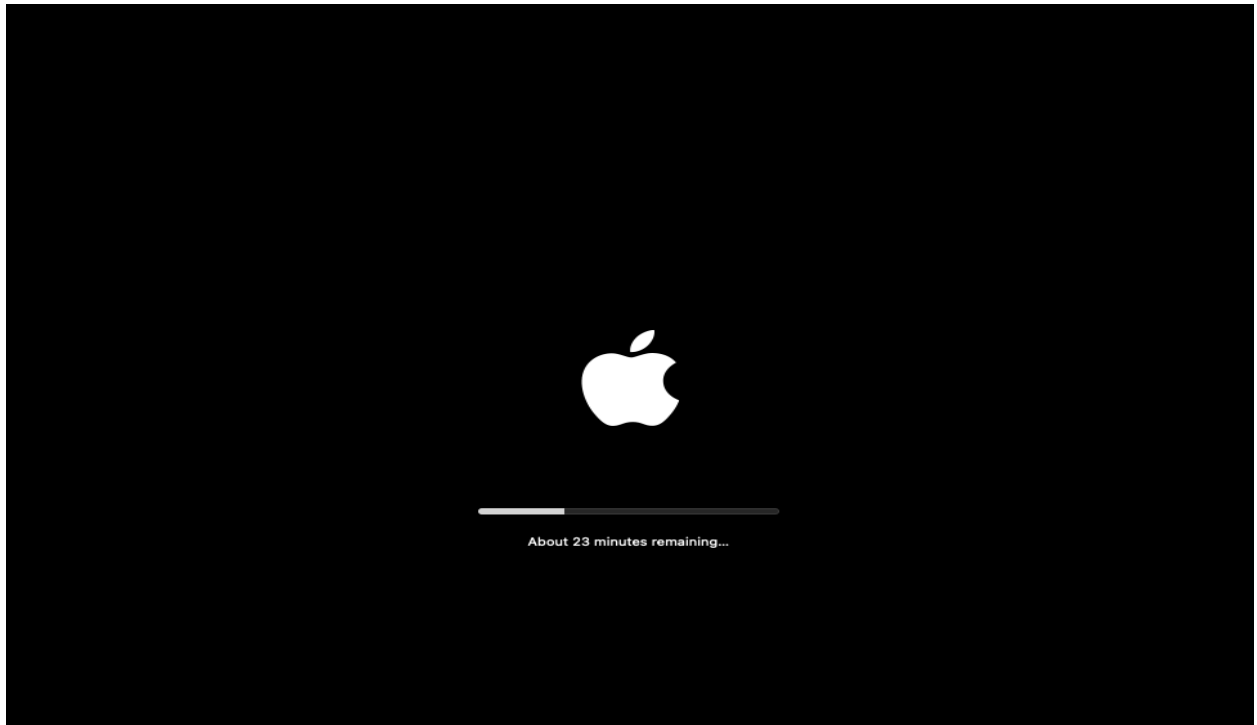




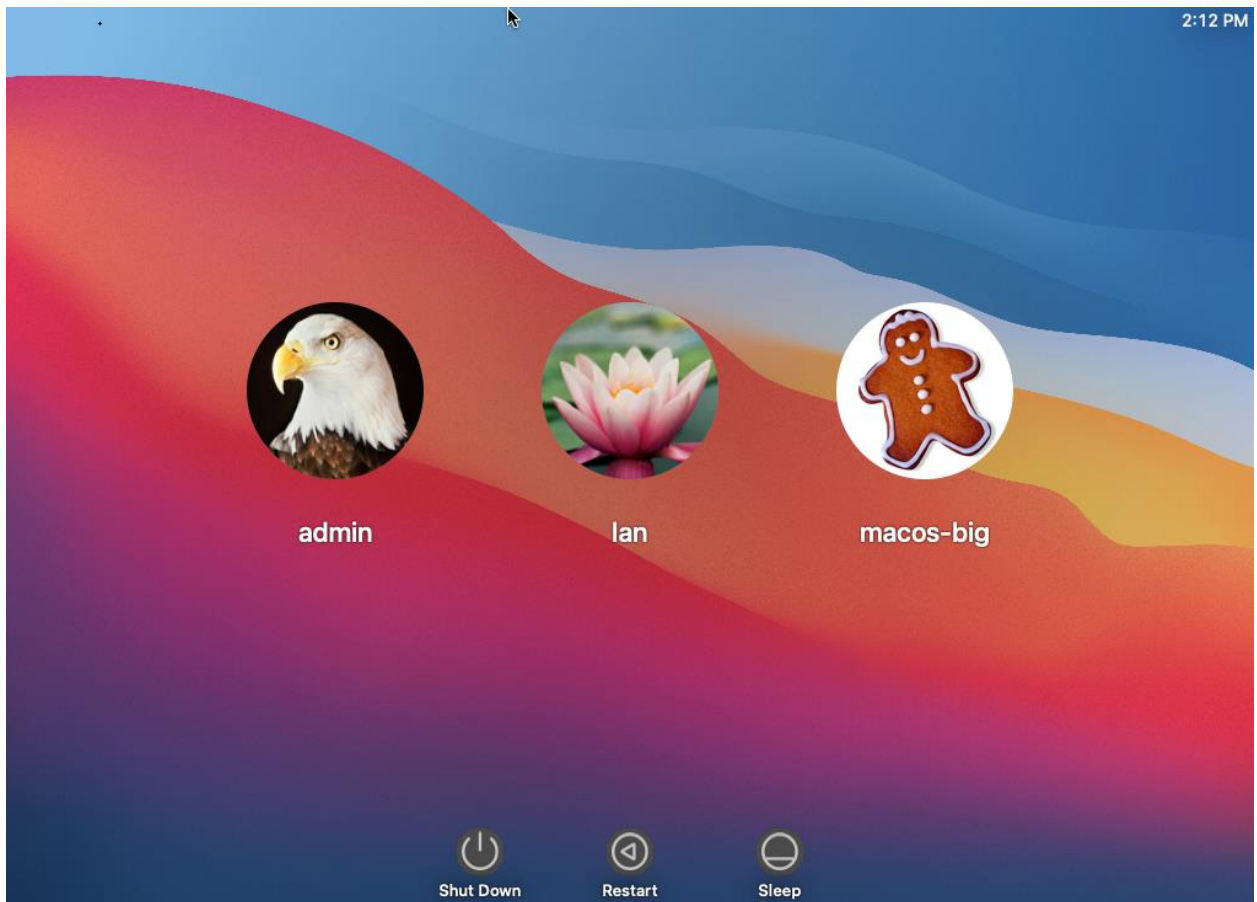
Need to increase the HD space to install the OS. Below are these steps to complete this task.

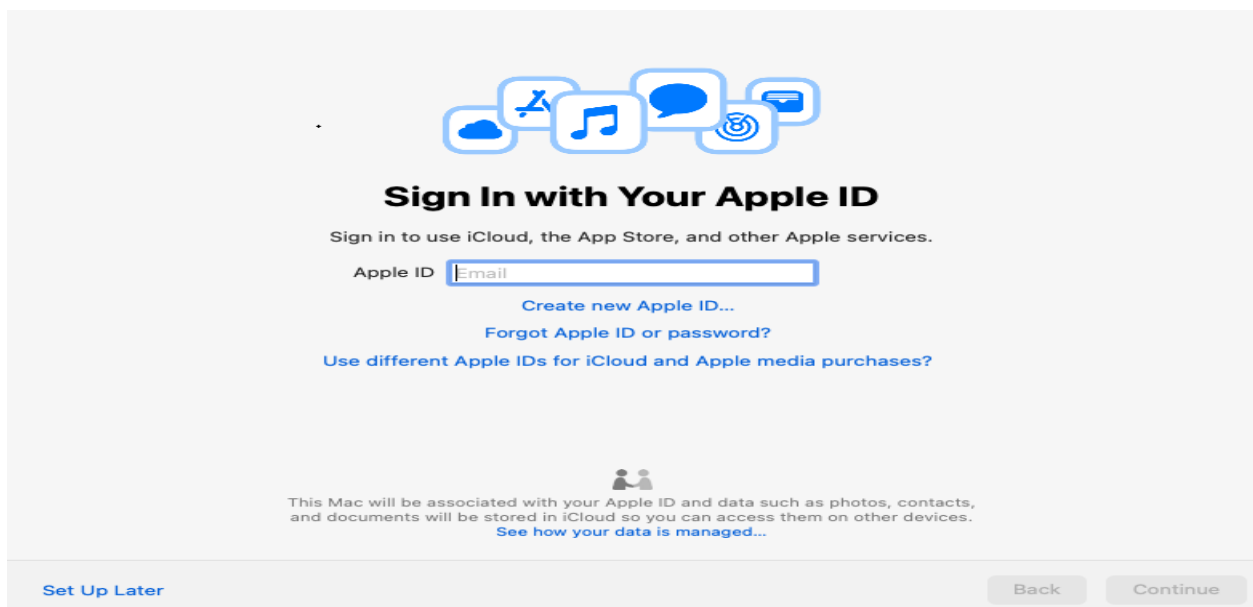
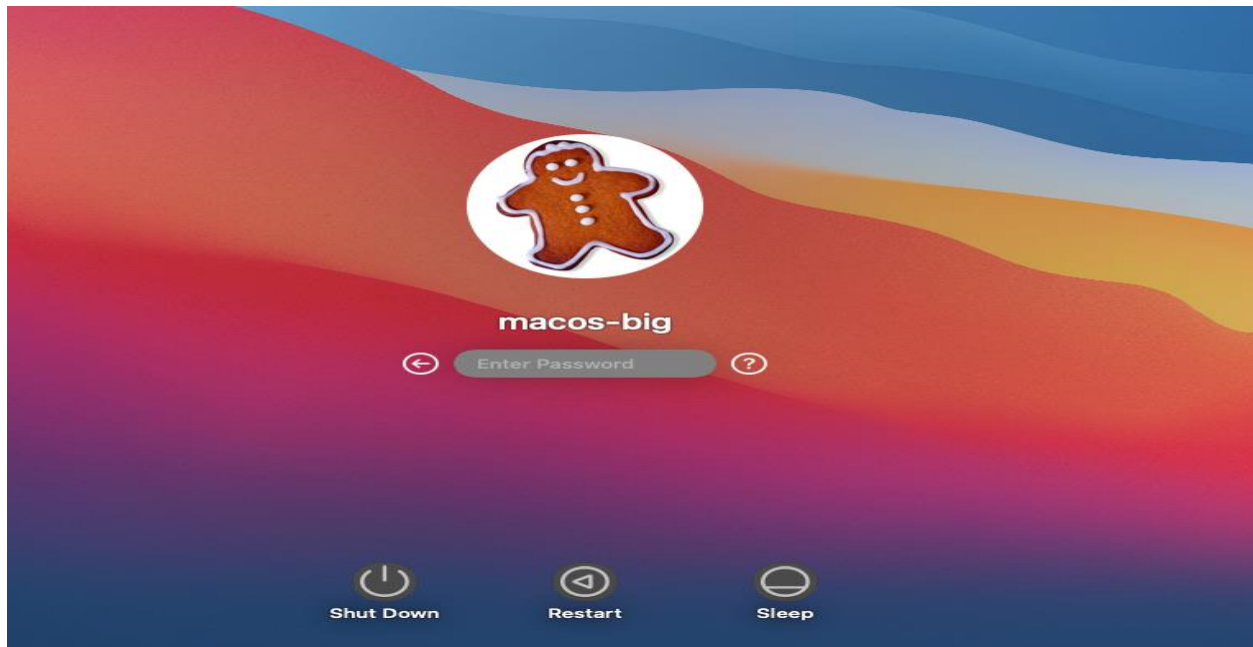
























After login complete these steps































Task bar looks like this..



Utilities				
Name	Date Modified	Size	Kind	
 Activity Monitor	Jan 1, 2020 at 3:00 AM	6 MB	Application	
 AirPort Utility	Jan 1, 2020 at 3:00 AM	48.9 MB	Application	
 Audio MIDI Setup	Jan 1, 2020 at 3:00 AM	4.9 MB	Application	
 Bluetooth File Exchange	Jan 1, 2020 at 3:00 AM	2 MB	Application	
 Boot Camp Assistant	Jan 1, 2020 at 3:00 AM	5.4 MB	Application	
 ColorSync Utility	Jan 1, 2020 at 3:00 AM	6.5 MB	Application	
 Console	Jan 1, 2020 at 3:00 AM	2.2 MB	Application	
 Digital Color Meter	Jan 1, 2020 at 3:00 AM	2.4 MB	Application	
 Disk Utility	Jan 1, 2020 at 3:00 AM	8.5 MB	Application	
 Feedback Assistant	Today at 1:49 PM	64 bytes	Alias	
 Grapher	Jan 1, 2020 at 3:00 AM	9.9 MB	Application	
 Keychain Access	Jan 1, 2020 at 3:00 AM	5.2 MB	Application	
 Migration Assistant	Jan 1, 2020 at 3:00 AM	2 MB	Application	
 Screenshot	Jan 1, 2020 at 3:00 AM	888 KB	Application	
 Script Editor	Jan 1, 2020 at 3:00 AM	4.3 MB	Application	
 System Information	Jan 1, 2020 at 3:00 AM	106.7 MB	Application	
 Terminal	Jan 1, 2020 at 3:00 AM	8.3 MB	Application	
 VoiceOver Utility	Jan 1, 2020 at 3:00 AM	11 MB	Application	

Applications				
Name	Date Modified	Size	Kind	
 App Store	Jan 1, 2020 at 3:00 AM	19.2 MB	Application	
 Automator	Jan 1, 2020 at 3:00 AM	6.9 MB	Application	
 Books	Jan 1, 2020 at 3:00 AM	56.3 MB	Application	
 Calculator	Jan 1, 2020 at 3:00 AM	6 MB	Application	
 Calendar	Jan 1, 2020 at 3:00 AM	15.8 MB	Application	
 Chess	Jan 1, 2020 at 3:00 AM	7.6 MB	Application	
 Contacts	Jan 1, 2020 at 3:00 AM	14.9 MB	Application	
 Dictionary	Jan 1, 2020 at 3:00 AM	4.3 MB	Application	
 FaceTime	Jan 1, 2020 at 3:00 AM	11.5 MB	Application	
 Find My	Jan 1, 2020 at 3:00 AM	8.6 MB	Application	
 Font Book	Jan 1, 2020 at 3:00 AM	7 MB	Application	
 Home	Jan 1, 2020 at 3:00 AM	4.1 MB	Application	
 Image Capture	Jan 1, 2020 at 3:00 AM	4.4 MB	Application	
 Install macOS Beta	Today at 1:04 PM	9.58 GB	Application	
 Launchpad	Jan 1, 2020 at 3:00 AM	1.7 MB	Application	
 Mail	Jan 1, 2020 at 3:00 AM	26.5 MB	Application	
 Maps	Jan 1, 2020 at 3:00 AM	30 MB	Application	
 Messages	Jan 1, 2020 at 3:00 AM	7.2 MB	Application	
 Mission Control	Jan 1, 2020 at 3:00 AM	837 KB	Application	
 Music	Jan 1, 2020 at 3:00 AM	81.8 MB	Application	
 News	Jan 1, 2020 at 3:00 AM	8.8 MB	Application	
 Notes	Jan 1, 2020 at 3:00 AM	18.4 MB	Application	
 Photo Booth	Jan 1, 2020 at 3:00 AM	6.3 MB	Application	
 Photos	Jan 1, 2020 at 3:00 AM	45.6 MB	Application	
 Podcasts	Jan 1, 2020 at 3:00 AM	30.4 MB	Application	
 Preview	Jan 1, 2020 at 3:00 AM	10.7 MB	Application	
 QuickTime Player	Jan 1, 2020 at 3:00 AM	7.7 MB	Application	
 Reminders	Jan 1, 2020 at 3:00 AM	10.2 MB	Application	
 Safari	Jan 1, 2020 at 3:00 AM	13.6 MB	Application	

Applications			
Name	Date Modified	Size	Kind
FaceTime	Jan 1, 2020 at 3:00 AM	11.5 MB	Application
Find My	Jan 1, 2020 at 3:00 AM	8.6 MB	Application
Font Book	Jan 1, 2020 at 3:00 AM	7 MB	Application
Home	Jan 1, 2020 at 3:00 AM	4.1 MB	Application
Image Capture	Jan 1, 2020 at 3:00 AM	4.4 MB	Application
Install macOS Beta	Today at 1:04 PM	9.58 GB	Application
Launchpad	Jan 1, 2020 at 3:00 AM	1.7 MB	Application
Mail	Jan 1, 2020 at 3:00 AM	26.5 MB	Application
Maps	Jan 1, 2020 at 3:00 AM	30 MB	Application
Messages	Jan 1, 2020 at 3:00 AM	7.2 MB	Application
Mission Control	Jan 1, 2020 at 3:00 AM	837 KB	Application
Music	Jan 1, 2020 at 3:00 AM	81.8 MB	Application
News	Jan 1, 2020 at 3:00 AM	8.8 MB	Application
Notes	Jan 1, 2020 at 3:00 AM	18.4 MB	Application
Photo Booth	Jan 1, 2020 at 3:00 AM	6.3 MB	Application
Photos	Jan 1, 2020 at 3:00 AM	45.6 MB	Application
Podcasts	Jan 1, 2020 at 3:00 AM	30.4 MB	Application
Preview	Jan 1, 2020 at 3:00 AM	10.7 MB	Application
QuickTime Player	Jan 1, 2020 at 3:00 AM	7.7 MB	Application
Reminders	Jan 1, 2020 at 3:00 AM	10.2 MB	Application
Safari	Jan 1, 2020 at 3:00 AM	13.6 MB	Application
Siri	Jan 1, 2020 at 3:00 AM	4.4 MB	Application
Stickies	Jan 1, 2020 at 3:00 AM	2.1 MB	Application
Stocks	Jan 1, 2020 at 3:00 AM	2.7 MB	Application
System Preferences	Jan 1, 2020 at 3:00 AM	3.8 MB	Application
TextEdit	Jan 1, 2020 at 3:00 AM	3.4 MB	Application
Time Machine	Jan 1, 2020 at 3:00 AM	1.1 MB	Application
TV	Jan 1, 2020 at 3:00 AM	62.3 MB	Application
Utilities	Today at 1:49 PM	--	Folder
Voice Memos	Jan 1, 2020 at 3:00 AM	5.8 MB	Application

If you want to know more details about new features check this link

<https://www.apple.com/macOS/big-sur-preview/features/>

With this we have completed the Beta macOS BIG SUR. I will write another blog on how to do the same with VMWare workstation.

Thanks

Ram Lan

26th June 2020