Mac OS 10.14 Mojave

Introduction:

+ Mojave 10.14 is the latest Macintosh operating system from Apple.
    + Previous Systems:
        + OSX 10.5 Leopard
        + OSX 10.6 Snow Leopard
        + OSX 10.7 Lion
        + OSX 10.8 Mountain Lion
        + OS X 10.9 Mavericks
        + OS X 10.10 Yosemite
        + OSX 10. 11 El Capitan
        + Mac OS 10.12 Sierra
        + Mac OS 10.13 High Sierra

+ Yosemite, Mavericks, and El Capitan, Sierra, High Sierra and now Mojave are using locations instead of Big Cat Names

+ Unlike 10.8 and before; THIS ONE IS FREE!

Requirements:

+ Must be a 64 bit Intel based Macintosh with 64 bit EFI. Last Power PC version was OSX 10.5 Leopard

+ Models supported: (Note this time around many older macs dropped)
    + iMac (Late 2012 or newer)
    + MacBook (Early 2015 or newer)
    + MacBook Pro (Mid 2012 or newer)
    + MacBook Air (Mid 2012 or newer)
    + Mac mini (2012 or newer)
    + Mac Pro (Late 2010 or newer)

+ 2GB RAM memory (not enough) , at least 18.5 GB available Hard drive space

Upgrading:

+ A common question is can you upgrade from versions before the last one OS X 10.13 High Sierra? Yes with a couple of caveats:

    + Apple says you now must be running at least 10.8 to upgrade (any supported machines shipped with 10.8)

    + If you are still running 10.6.8 Apple suggests you will need to upgrade to 10.11 first.

+ Yes OSX 10.7 did offer a $69.95 Thumb drive, but Apple has dropped that option on subsequent versions. Online only.

Upgrading (cont'd):

+ Check to make sure that your software, especially third party software (non Apple) will work in MacOs 10.14 Mojave
  + Check Vendors websites. A good resource is Http://www.roaringapps.com Note a downside is that some software has not had user input on them or they don't specify versions.

+ If you are updating from OSX 10.6 or earlier, you may have PPC only programs. This requires a optional install of Rosetta (10.6) or was built in earlier. You can't run these 10.7 and beyond

Tips:

+ **<u>Have a least one, preferably more Backups before updating!</u>**

+ Power off and remove external Hard drives before installation.

  + Hard drives have been messed up, and external Hard drives could hang up installation process. It happened to me on OSX 10.8

+ It is a big download ~ 6.05+ GB! It will take awhile.

+ The post download installation will take some time too

Tips (cont'd):

+ Clicking on the Install button will force a restart
  + This time around the progress bar was saying 30 minutes for several, then advancing more quickly than elapsed time, then slowing again. .. Approximate time; not exact
  + Will pause a few minutes on "completing installation"

+ There might be a second forced restart:
  + This will also take a few minutes, a progress bar is shown. You will then see your finder window show up.

+ You may see additional updates after you install Mojave.

+ You will be asked will you want to use SIRI (pre Sierra upgrade), and about Optimized storage(pre Sierra upgrade), and possibly have you sign into iCloud.

Why Upgrade?

+ To Use and enjoy the new features in MacOS 10.14! Have the "latest and greatest!"

+ However I know many have strong opinions on not upgrading
    + "If its not broken don't change"
    + But the issue is the rest of the industry does change and fast
        + Yes you still can drive a 1950's car today, but something like a Mac Plus is more like a Roman Ox cart!
    + Turbotax 2018 will require 10.12 Sierra
    + Dropbox requires OS X 10.10 Yosemite
    + Itunes 12.8 requires 10.10.5 Yosemite
    + New Skype requires 10.10 Yosemite

Why Upgrade? (cont'd)

+ Security

+ Apple is only supplying current updates for the following OS's:

    + 10.12 Sierra

    + 10.13 High Sierra

When to Upgrade?

+ Question is hard to answer.

+ Software can't be perfect out of the gate.
    + If you wait till 10.X.1 or better 10.X.2 version a lot of large bugs are fixed
    + Ideally all third party software vendors would have updates ready to go with the release date of a new Mac OS.
        + However big vendors can run into issues of bureaucracy etc.
        + Small vendors (1 or few persons) may have too much work to finish on time.
    + But if you have more than one Mac, select one for the upgrade, then evaluate upgrading the rest.

What's New? - Introduction

+ This time around there are noticeable changes, new utilities and some new OS supplied programs.

+ There are visible change to the OS.
    + Dark Mode (If enabled)
    + Dynamic Desktop

New Features- Dark Mode

+ Most Toted new feature in Mojave

+ Dark Mode means dark colors are used in place of light colors in the user interface.
    + More than a simple color inversion
    + Third party programs can choose to use this mode if they are so programed

+ Claim to reduce glare and make it easier to read.

+ https://support.apple.com/en-us/HT208976

+ Demo

New Features- Dark Mode(cont'd)

+ There are already third party utilities to enhance the controls such as Nightowl. Set times to switch modes, toggle using hotkeys etc.

+ Nightowl.kramser.xyz

+ Overall seems to be a personal preference

New Features- Dynamic Desktop

+ Another visual difference in Mojave

+ Desktop picture changes with time of day
    + For those who loose track of time?
    + Looks cool anyway

+ Turn on or off in System Preferences> Desktop & Screensaver

+ Demo

New Features – Stacks

+ Don't store files on your desktop is good advice, but many do this

+ Stacks reduces clutter on your desktop
    + Auto Arrange by type (pdf, spreadsheet, etc)
    + View>Group Stacks can organize by date modified or Tags

+ https://support.apple.com/en-us/HT209101

+ Demo

New Features –Screen Shots

+ The grab utility that was an advanced screenshot utility program is gone

+ CMD-Shift-3 and CMD Shift-4 (Screen, Window) still work

+ New app called Screenshot (shortcut CMD-Shift-5)
  + App is in the Utilities folder

+ https://support.apple.com/en-us/HT201361

+ Demo

Some Application Updates

+ Safari:

  + Safari 12 is also now available to Sierra and High Sierra users

  + Password reuse warning

  + Intelligent Tracking Prevention ver 2 (Mojave only per Arstechnica)

  + Fingerprinting protection

+ Facetime:

  + Group facetime up to 32 users now supported.

+ Message: iMessage and SMS client only, previous other message type support dropped.

Other New Features

+ IOS apps now on the Mac:
  + Home- Control Homekit devices from your mac (siri also now supports this)
  + News- Get news. Personalize and channels
  + Stocks- Track stocks and averages
  + Voicememo: Create and share voice memos
    + https://support.apple.com/en-us/HT206775

Final Comments

+ Arstechnica says that this OS is the most significant upgrade in years

    + Personal opinion: I'm not that strong on this, but feel you should upgrade. I've had no issues.

+ Last version to support 32 bit applications.

    + Under the Apple menu select About this mac. Click on the system report button. On the left side click on Applications under software. Give the mac a few seconds to find everything. Scroll through the list of programs. Any that are No under the 64 Bit (Intel) heading won't work on the next system.

Appendix:

+ High Sierra OS X 10.13 Requirements:

+ Models supported:
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    + Mac mini (2010 or newer)
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