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Mac OS Configuration
10.9.x - 10.14.x
SNP v2.2 – 14.02.25

There are a number of OS enhancements that should to be disabled to streamline performance and ensure that Catalyst can run un-interrupted.

New Setup
If configuring the Mac from new, set the user to 'Catalyst' and the password to 'xxxx'

AppNap
Ensure that AppNap is disabled for each instance of the Catalyst Application
   – Right click on the Catalyst Application and select 'Get Info'
   – Tick the box to select 'disable AppNap'

System Preferences:

General	N/A
Screensaver	Disable Screensaver
Desktop	Set desktop to Black
Dock	N/A
Mission Control	Disable all Expose and Spaces shortcuts, including hot corners
Language & Region	N/A
Security & Privacy	Disable all & Ensure that 'allow applications from all sources' is selected
Spotlight	Drag the system HD to the privacy area to disable searching
Notification Centre	Disable and remove all items from notification Centre (can set to Do Not Disturb)
CD/DVD	Disable all
Displays	Set relevant resolutions and set colour profiles to 'Generic RGB' un-tick 'Mirror Displays'
Energy Saver	Disable all
Keyboard	Disable All except Screen Shots
Mouse / Trackpad	N/A
Printers	N/A
Sound	Set sound effects to internal speakers. Set up relevant input & output devices.
iCloud	N/A (Disabled)
Internet Accounts	N/A (Disabled)
App Store	Disable All
Network	Create a location called 'Catalyst' and ensure that IP and Subnet are in correct range Network 1: (eno) Artnet Configuration (e.g. IP: 2.0.0.101 Subnet: 255.0.0.0) Network 2: (en1) Control Configuration (e.g. IP: 192.168.0.101 Subnet: 255.255.0.0) Ensure that other network interfaces are disabled if not in use
Bluetooth	Disable All unless using Bluetooth Mouse & Keyboard
Extensions	Disable All
Sharing	Enable File Sharing Enable remote management. Setup for only 'Catalyst' user. Select all tick-boxes under 'options'
Users & Groups	Ensure you are logged in as admin. Remove all from login items
Parental Controls	N/A
Siri	Disable all
Time & Date	Set to the correct time
Time Machine	Disable all
Accessibility	Disable all unless required

Terminal Commands:
The following commands can be entered in to 'Terminal'
When using MacOS 10.12.6 it is necessary to disable SIP prior to entering some of these commands in Terminal.

Disable SIP (10.12.x only)
Reboot into Recovery Mode (press and hold Command-R at startup) until you see the Apple logo
Then opening Terminal from the Utilities menu and enter the following command:
csrutil disable

Reboot and access Terminal to enter the following commands:

Disable Spotlight
sudo mdutil -a -i off

Disable Dashboard
defaults write com.apple.dashboard mcx-disabled -boolean YES
killall Dock

Disable Notification Centre
launchctl unload -w /System/Library/LaunchAgents/com.apple.notificationcenterui.plist
killall NotificationCenter

Disable Mission Control and Spaces
defaults write com.apple.dock mcx-expose-disabled -bool TRUE
killall Dock

Save to disk (not to iCloud) by default
defaults write NSGlobalDomain NSDocumentSaveNewDocumentsToCloud -bool false

Disable Resume system-wide
defaults write NSGlobalDomain NSQuitAlwaysKeepsWindows -bool false

Disable new disks requests for Time Machine
defaults write com.apple.TimeMachine DoNotOfferNewDisksForBackup -bool true

Disable "Displays have separate Spaces."
defaults write com.apple.spaces spans-displays -bool TRUE

Add Double Scroll Arrows to Both Ends of the Scroll Bar
defaults write "Apple Global Domain" AppleScrollBarVariant DoubleBoth

Disable Display Sleep, Disk Spindown, and System Sleep.
sudo pmset -a displaysleep 0 disksleep 0 sleep 0

Disable Screen Saver
defaults -currentHost write com.apple.screensaver idleTime 0

Disable Time Machine
sudo tmutil disable

Disable Software Update
sudo softwareupdate --schedule off

Disable Hot Corners
defaults write com.apple.dock wvous-tl-corner -int 1
defaults write com.apple.dock wvous-bl-corner -int 1
defaults write com.apple.dock wvous-tr-corner -int 1
defaults write com.apple.dock wvous-br-corner -int 1

Important:
You will need to restart the Mac for some changes to take effect.

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csrutil enable

Reboot for or changes to take effect