

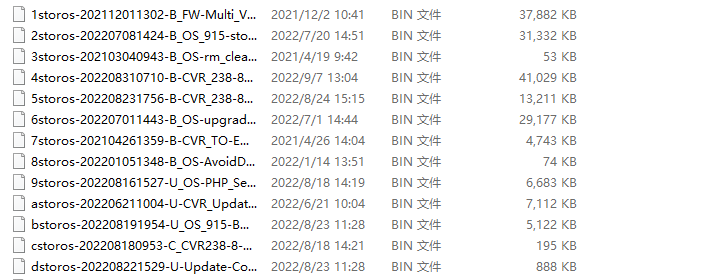
Preparation

1. The status of Hybrid SAN must be Working



1. Support V236-2 and above versions to upgrade, Version below V236-2 please upgrade to V236-2 first
2. V238-8 Firmware

Please check the capacity of each patch after you download from the FTP.



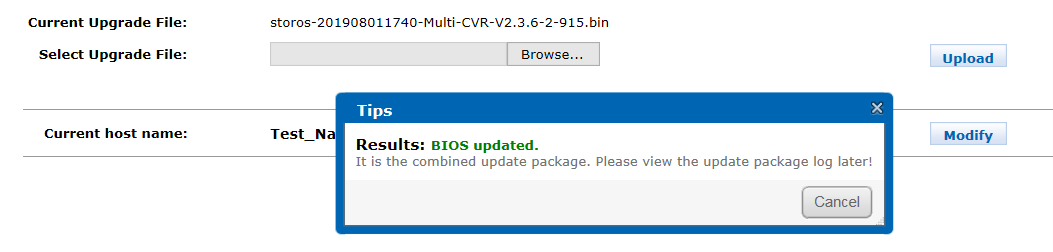


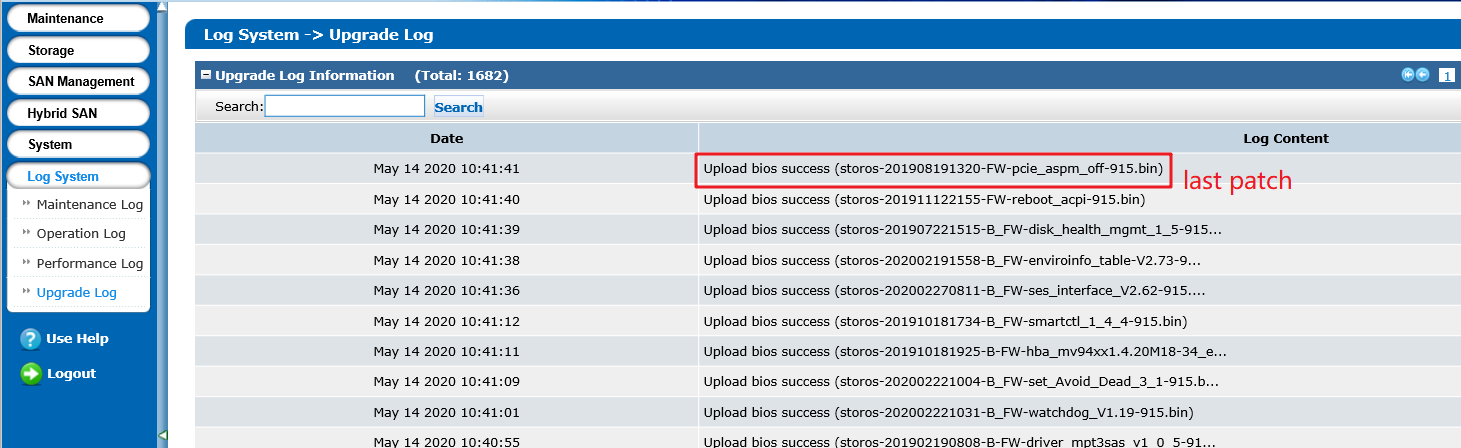
**How to Upgrade Hybrid SAN Firmware to V238-8（via web）**

# Upgrade 1storos-202112011302-B\_FW-Multi\_V2.33sp4-915.bin

## Note:

Please wait 3 minutes after it shows below tips, and this is a combined package, please enter the upgrade log interface to double check if all the patches upgrade success or not.





# Upgrade 2storos-202207081424-B\_OS\_915-storOS\_N66313\_CVR238-915.bin

# Upgrade 3storos-202103040943-B\_OS-rm\_cleardom.php-915.bin

# Upgrade 4storos-202208310710-B-CVR\_238-8\_Oversea\_Main\_Release-915.bin

# Upgrade 5storos-202208231756-B-CVR\_238-8\_Oversea\_HikLib\_Release-915.bin

# Upgrade 6storos-202207011443-B\_OS-upgrade\_httpd2.4.54\_php5.6.38\_ssl1.0.2r\_ssh9.0p1\_bash4.4.12\_wget1.11.1-915.bin

# Upgrade 7storos-202104261359-B-CVR\_TO-EN-STD-VERSION-915.bin

# Upgrade 8 storos-202201051348-B\_OS-AvoidDomFull\_V1.1.6-915.bin

# Upgrade 9storos-202208161527-U\_OS-PHP\_Security\_N65145\_V1.0-915.bin

# Upgrade astoros-202206211004-U-CVR\_Update\_WebSec\_WithBack\_Final-915.bin

# Upgrade bstoros-202208191954-U\_OS\_915BML\_StorOSManager\_EN\_V2.3-915.bin

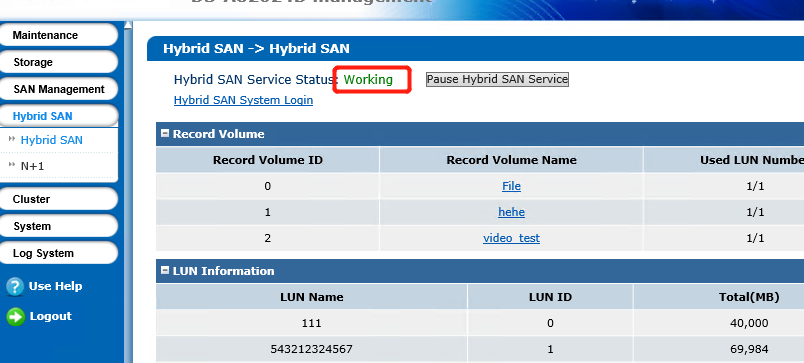
# Upgrade cstoros-202208180953-C\_CVR238-8-dvrhkHK\_PlayBackDataCallBackbegintime-915.bin

# Upgrade dstoros-202208221529-U-Update-Command\_Line\_Tools-915.bin

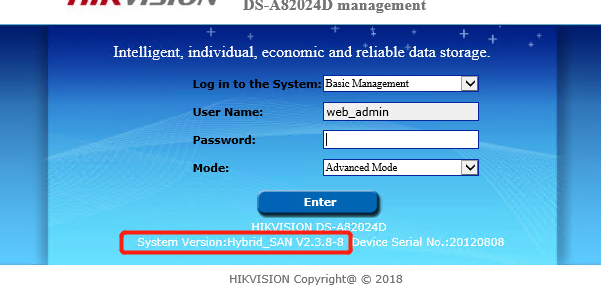
# Reboot

**2. for daul controller(must login to the real IP for upgrading)**

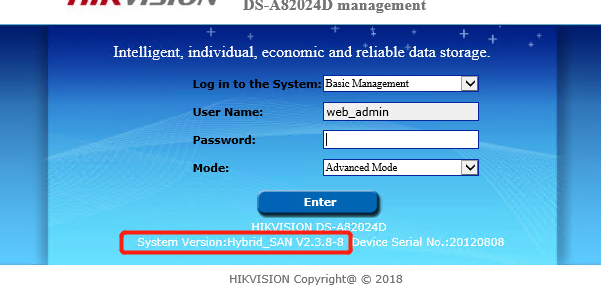
* **Login to the master controller first and then upgrade follow above steps**



* **Then login to the backup controller and then upgrade follow above steps**



* **Then reboot the master and backup controller after finishing the upgrading until the two controllers restart again, check the version on the web page**



* **Check recording and dual-controller status last**

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