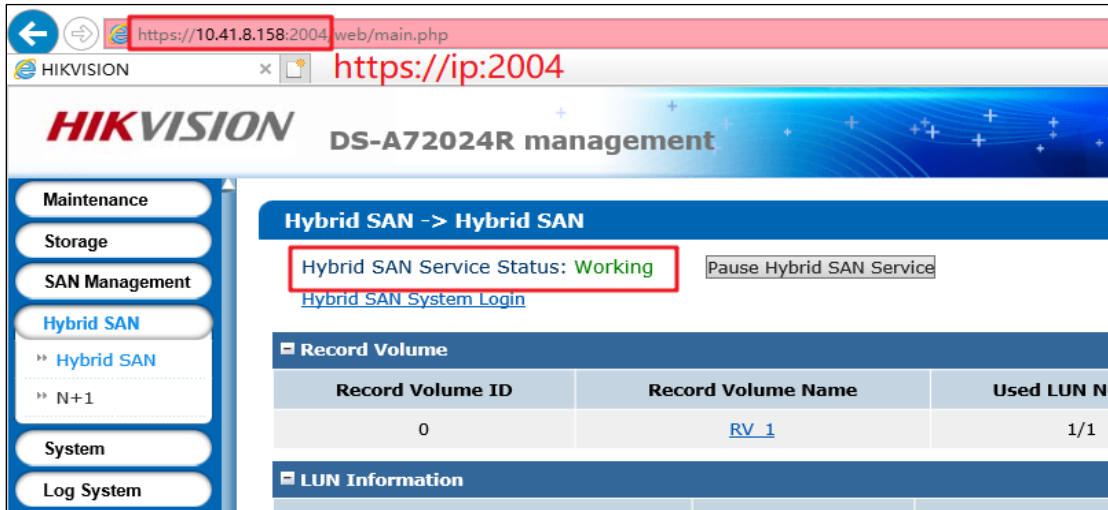


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Preparation

- The status of Hybrid SAN must be **Working**



- Support V234 and above versions to upgrade, Version below V234 please upgrade to V234-3 first
- V236-2 Firmware
Please check the capacity of each patch after you download from the FTP.

1storos-201907311316-B_OS-BiosSize-915.bin	2019/12/9 11:06	BIN 文件	96 KB
2storos-201909091112-Multi-CVR-V2.3.6-2-915.bin	2019/12/9 11:06	BIN 文件	96,274 KB
3storos-201906191118-B_FW-Multi_V2.29sp2-915.bin	2019/12/9 11:06	BIN 文件	26,655 KB
4storos-201909031729-B_OS-Change_M3662_net_conf-915.bin	2019/12/9 11:06	BIN 文件	94 KB
5storos-201907040641-Fix-dvrhk_use_c_236-915.bin	2019/12/9 11:06	BIN 文件	107 KB
6storos-202004261513-C_CVR23x-hk9000_log-91x.bin	2020/5/7 11:52	BIN 文件	53 KB

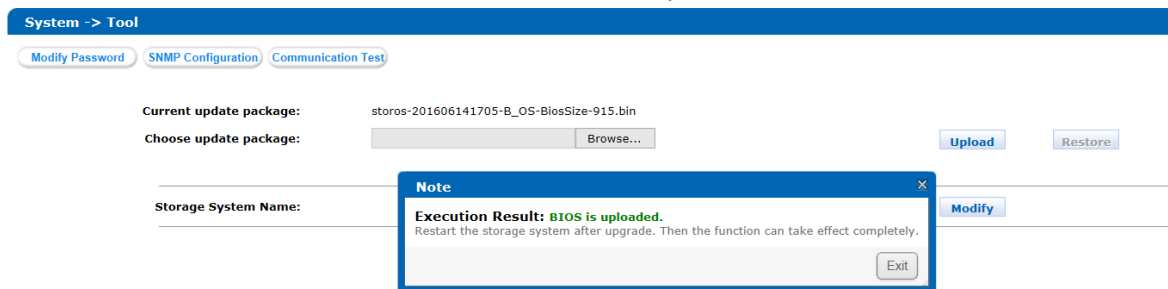
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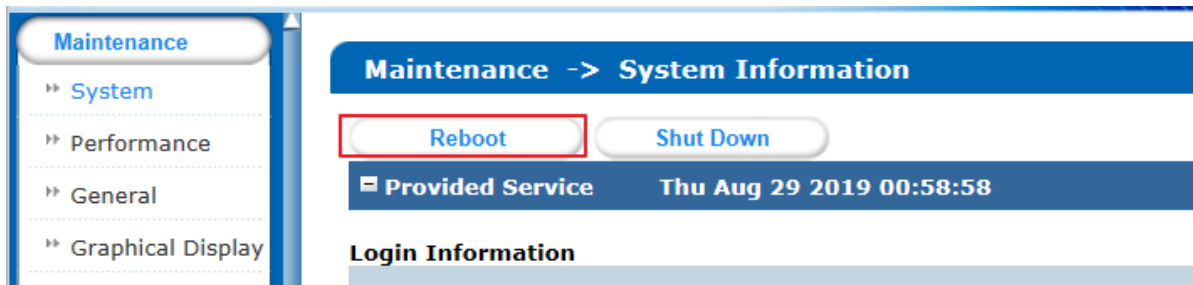
1. Upgrade **1storos-201907311316-B_OS-BiosSize-915**

Note:

Please wait several minutes until it shows below tips



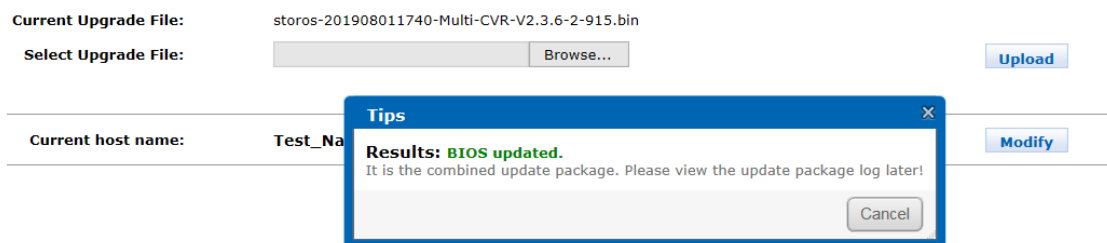
2. Reboot



3. Upgrade **2storos-201909091112-Multi-CVR-V2.3.6-2-915**

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.



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Log System -> Upgrade Log

Upgrade Log Information (Total: 1485)

Date	Log Content
August 04 2019 11:05:59	Upload bios success (storos-201908011725-C_Hybrid SAN236-2-hk9000serve...
August 04 2019 11:05:58	Upload bios success (storos-201907151707-B-TO-EN-Hybrid SAN236-2-hk9000server333-1-915.bin)
August 04 2019 11:05:57	Upload bios success (storos-201906131335-C_Hybrid SAN236-nvrsyncBTWt02...
August 04 2019 11:05:57	Upload bios success (storos-20190221357-B-cvr_version-236-2-915.bin) last patch
August 04 2019 11:05:56	Upload bios success (storos-201807050705-C-TO-N+1-CONFIG-FOR_23X-915.b...
August 04 2019 11:05:55	Upload bios success (storos-20190611305-B-Hybrid SAN_236-Oversea_Rele...
August 04 2019 11:04:17	Upload bios success (storos-201808101326-B_OS_915-storOS_switch_open_o...
August 04 2019 11:04:12	Upload bios success (storos-201906201805-B_OS_915-storOS_HWT_N33231_Hy...
August 04 2019 11:03:25	Upload bios success (storos-201702271556-C-backup_system-915.bin)
August 04 2019 11:02:57	Upload bios success (storos-201604051916-Hybrid SAN-watchdog2.0-stop-H...
August 04 2019 11:02:56	Upload bios success (storos-201908011740-Multi-Hybrid SAN-V2.3.6-2-915...

4. Upgrade **storos-201906191118-B_FW-Multi_V2.29sp2-915**

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

Current Upgrade File: storos-201906191118-B_FW-Multi_V2.29sp2-915.bin

Select Upgrade File: Browse... Upload Restore

Storage System Name: Test Modify

Note

Execution Result: BIOS is uploaded.

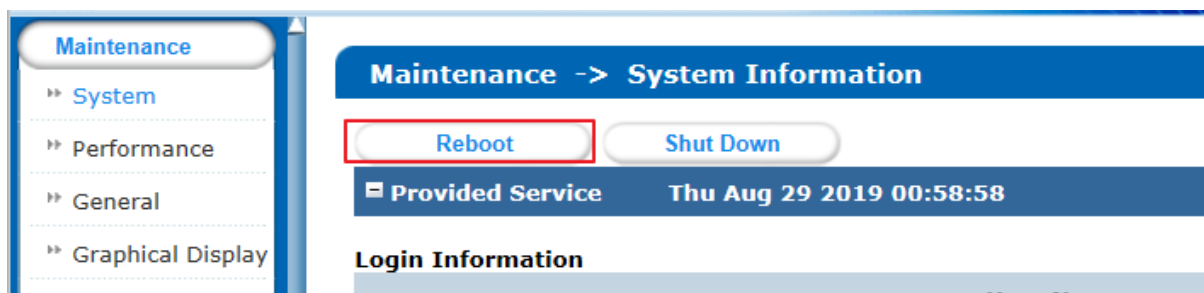
Restart the storage system after upgrade. Then the function can take effect completely. The upgrade file is combined. View the upgrade file log later.

Exit

August 04 2019 11:15:34	Upload bios success (storos-201605180932-B_FW-physset_V1.5-915.bin)	last patch
August 04 2019 11:15:33	Upload bios success (storos-201902181401-B_FW-enviroinfo_table_-V2.68-...	
August 04 2019 11:15:32	Upload bios success (storos-201902190808-B-FW-driver_mpt3sas_v1_0_5-91...	
August 04 2019 11:15:30	Upload bios success (storos-2019011151559-B-FW-fw_hba_bn_1.0.0-10-915.b...	
August 04 2019 11:15:29	Upload bios success (storos-2019011151459-B_FW-mv94xx20M18-29_ecc_bn_1...	
August 04 2019 11:15:28	Upload bios success (storos-201903191811-B_FW-ses_interface_V2.57-915....	
August 04 2019 11:14:57	Upload bios success (storos-201501291628-B_FW-bonding_1.0.6G_bn_1.0.1-...	
August 04 2019 11:14:57	Upload bios success (storos-201506080931-B_FW-sk98lin_BN1.0.4ok-915.bi...	
August 04 2019 11:14:56	Upload bios success (storos-201502101645-B_FW-set_device_timeout_20s-9...	
August 04 2019 11:14:56	Upload bios success (storos-201504281656-B_FW-udev_suse10-91x.bin)	
August 04 2019 11:14:55	Upload bios success (storos-201812130640-B_FW-sas2008_DRIVER_v2_2d5-91...	
August 04 2019 11:14:53	Upload bios success (storos-201506091427-B_FW-e1000e_3.1.0.2_bn_1.0.1-...	
August 04 2019 11:14:52	Upload bios success (storos-201410291553-B_FW-igb_5.2.9.4-91x.bin)	
August 04 2019 11:14:51	Upload bios success (storos-201905151734-B_FW-watchdog_V1.18-915.bin)	
August 04 2019 11:14:49	Upload bios success (storos-201608021530-B_FW-eth_config_V1.2.1-91x.bi...	
August 04 2019 11:14:49	Upload bios success (storos-201612272123-B_FW-smartctl_V135-915.bin)	
August 04 2019 11:14:47	Upload bios success (storos-201906190748-B_FW-Avoid_Dead_2.7-915.bin)	
August 04 2019 11:14:42	Upload bios success (storos-201507101445-B_FW-NTB_1.2.2-915.bin)	
August 04 2019 11:14:39	Upload bios success (storos-201906191118-B_FW-Multi_V2.29sp2-915.bin)	

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5. Upgrade **4storos-201909031729-B_OS-Change_M3662_net_conf-915.bin**
6. Upgrade **5storos-201907040641-Fix-dvrhk_use_c_236-915.bin**
7. Upgrade **6storos-202004261513-C_CVR23x-hk9000_log-91x**
8. Reboot



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