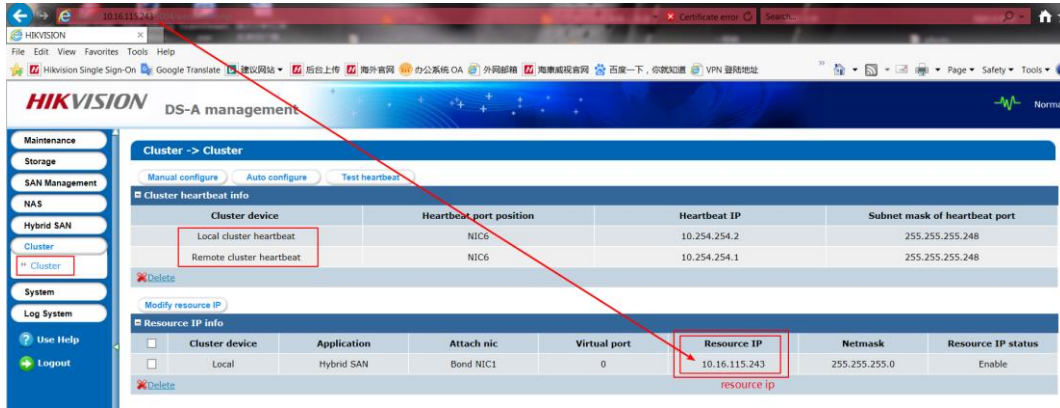
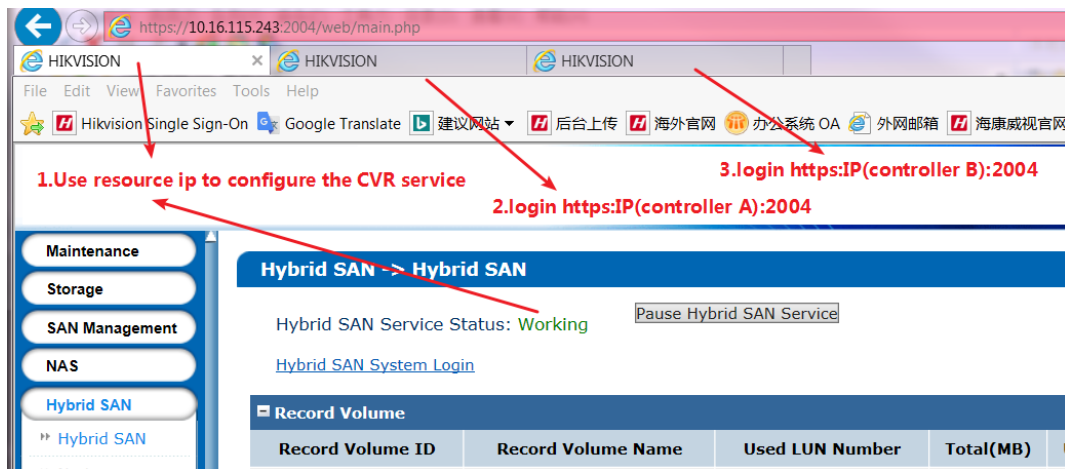


For dual-controller device

Note: Firstly, make sure your dual-controller device deploy in correct mode. As dual-controller device have two controllers, each controller have an IP separately , and we also need create a resource IP , so before you upgrade for the dual-controller device , let it work in dual-controller mode. You can check the Cluster interface in the 2004 page shown as below.



- It's only allow to upgrade when device CVR status is **working**. So the right step should be
1. Login resource ip to check CVR service ([https://IP \(resource\):2004](https://IP (resource):2004)) .Make sure the CVR service status is **Working**.
 2. Then you need to upgrade in two controller separately, login in [https://IP \(controller A\):2004](https://IP (controller A):2004) and [https://IP \(controller B\):2004](https://IP (controller B):2004); Do the upgrade operation in these two controller physical ip.



236-2 Firmware Package:

File Name	Time	Type	Size
1storos-201907311316-B_OS-BiosSize-915.bin	2020/5/7 10:42	BIN 文件	96 KB
2storos-201711211501-Fix_CVRService_For_Mars-CVR2.3.X-915.bin	2020/4/28 10:09	BIN 文件	66 KB
3storos-201909091112-Multi-CVR-V2.3.6-2-915.bin	2020/5/7 10:42	BIN 文件	96,274 KB
4storos-201906191118-B_FW-Multi_V2.29sp2-915.bin	2020/5/7 10:42	BIN 文件	26,655 KB
5storos-201909031729-B_OS-Change_M3662_net_conf-915.bin	2020/5/7 10:42	BIN 文件	94 KB
6storos-201907040641-Fix-dvrhk_use_c_236-915.bin	2020/5/7 10:42	BIN 文件	107 KB
7storos-202004261513-C_CVR23x-hk9000_log-91x.bin	2020/5/7 14:35	BIN 文件	53 KB

Steps:

Step1: Upgrade **1storos-201606141705-B_OS-BiosSize-915.bin** in controller A, then do same operation in controller B

Controller A:

Please wait several minutes until it shows below tips

System -> Tool

Modify password SNMP configure Network test

Current Upgrade File: storos-201707100859-Multi-CVR-V2.3.2-6_FW_OS_CVR-STD-COSTOM-suse_x64-91X.bin

Select Upgrade File: 浏览... Upload Restore

Current host name: Modify

Tips

Results: BIOS updated.
The storage system needs to be restarted after it has been packed into the update package!
It is the combined update package. Please view the update package log later!

Cancel

Controller B:

Please wait several minutes until it shows below tips

System -> Tool

Modify password SNMP configure Network test

Current Upgrade File: storos-201707100859-Multi-CVR-V2.3.2-6_FW_OS_CVR-STD-COSTOM-suse_x64-91X.bin

Select Upgrade File: 浏览... Upload Restore

Current host name: Modify

Tips

Results: BIOS updated.
The storage system needs to be restarted after it has been packed into the update package!
It is the combined update package. Please view the update package log later!

Cancel

Step2: Reboot both of **controller A** and **controller B**

https://10.16.115.242:2004/web/main.php

HIKVISION HIKVISION HIKVISION

File Edit View Favorites Tools Help

HIKVISION Controller A

https://10.16.115.242:2004/web/main.php

HIKVISION Single Sign-On Google Translate 建议网站 后台上传 海外官网 办公系统 OA 外网邮箱 海康威视官网 百度

HIKVISION DS-A management

Maintenance

» System

» Performance

» General

» Graphical Display

Maintenance -> System Information

Reboot Shut Down

Provided Service Fri Mar 16 2018 12:34:18

Login Information

https://10.16.115.241:2004/web/main.php

HIKVISION HIKVISION HIKVISION

File Edit View Favorites Tools Help

HIKVISION Controller B

https://10.16.115.241:2004/web/main.php

HIKVISION Single Sign-On Google Translate 建议网站 后台上传 外网邮箱 海康威视官网 百度

HIKVISION DS-A management

Maintenance

» System

» Performance

» General

» Graphical Display

Maintenance -> System Information

Reboot Shut Down

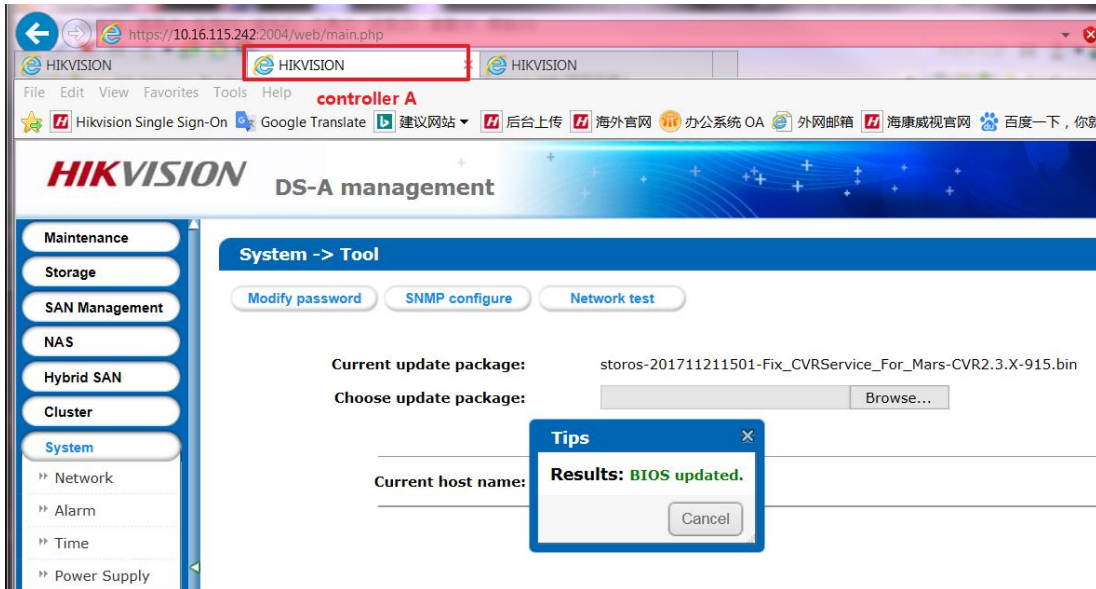
Provided Service Fri Mar 16 2018 12:37:05

Login Information

Step3: Upgrade **2storos-201711211501-Fix_CVRService_For_Mars-CVR2.3.X-915.bin** (Special for dual controller device) in controller A, then do same operation in controller B

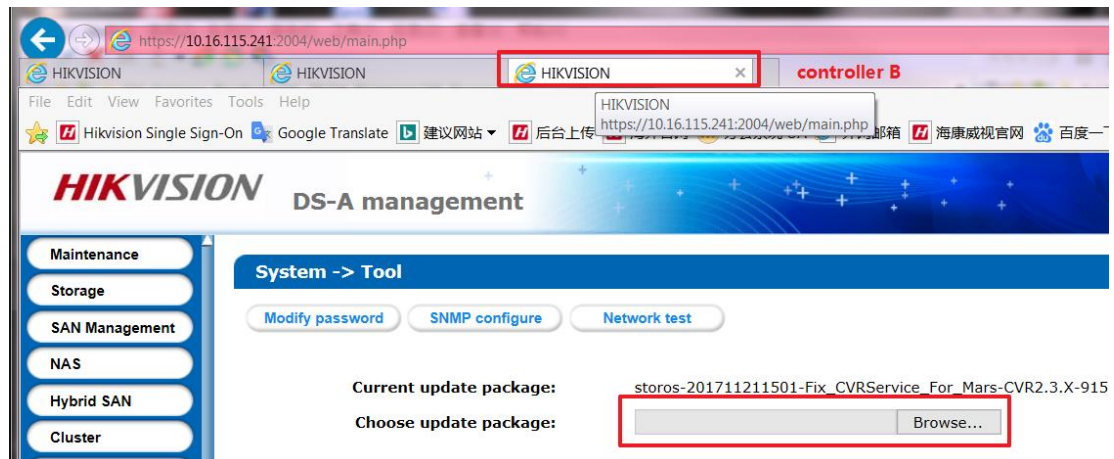
Controller A:

Please wait several minutes until it shows below tips



Controller B:

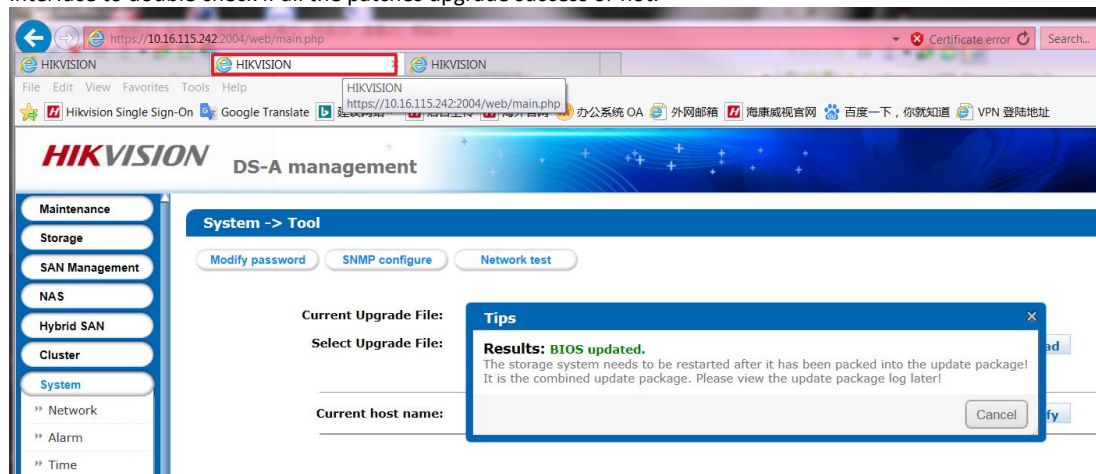
Please wait several minutes until it shows below tips



Step4: Upgrade **3storos-201909091112-Multi-CVR-V2.3.6-2-915.bin** in controller A

Controller A:

Please wait 5 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.



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 Upload bios success (storos-201908011725-C-Hybrid SAN236-2-Hk9000server333-1-915.bin)
August 04 2019 11:05:57	Upload bios success (storos-20190611335-C-Hybrid SAN236-nvsyncBTWB2... last patch
August 04 2019 11:05:57	Upload bios success (storos-20190221357-B-cvr_version-236-2-915.bin)
August 04 2019 11:05:56	Upload bios success (storos-201807050705-C-TO-H+1-CONFIG-FOR_23X-915.b...
August 04 2019 11:05:55	Upload bios success (storos-201906111305-B-Hybrid SAN_236_Oversa_Rele...
August 04 2019 11:04:17	Upload bios success (storos-201808101326-B_OS_915-storOS_switsh_open_e...
August 04 2019 11:04:12	Upload bios success (storos-201906201805-B_OS_915-storOS_HWT_H2221_My...
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...

Step5: Upgrade **4storos-201906191118-B_FW-Multi_V2.29sp2-915.bin** in controller A

Controller A:

Please wait 5 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.

The screenshot shows the HIKVISION DS-A management interface. A 'Tips' dialog box is displayed with the following content:

Results: BIOS updated.
 The storage system needs to be restarted after it has been packed into the update package!
 It is the combined update package. Please view the update package log later!

The dialog box has a 'Cancel' button.

August 04 2019 11:15:34	Upload bios success (storos-201605180932-B_FW-physset_V1.5-915.bin)
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-201901151559-B-FW-fw_hba_bn_1.0.0-10-915.b...
August 04 2019 11:15:29	Upload bios success (storos-201901151459-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-udevdevd_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)

Step6: Upgrade **5storos-201909031729-B_OS-Change_M3662_net_conf-915.bin** in controller A

Step7: Upgrade **6storos-201907040641-Fix-dvrhk_use_c_236-915.bin** in controller A

Step8: Upgrade **7storos-202004261513-C_CVR23x-hk9000_log-91x.bin** in controller A

Step9: then do same step4、step5、step6、step7、step8 in controller B

Step10: Reboot both of controller A and controller B.

Upgrade done

HIKVISION DS-A82024D management

Intelligent, individual, economic and reliable data storage.

Log in to the System

User Name:

Password:

Mode:

HIKVISION DS-A82024D
System Version:Hybrid_SAN V2.3.6-2 Device Serial No.:20120808

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