

Vess R2000 Series

Service Release Notes

Release Notes Document

Version: 16.0

Date: 2016/1/15

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Revision History

Revision	Date (YY/MM/DD)	Release Label	Release Version	Notes
1.0	2012/9/7	FCS	1.00.0000.02 (all) 0.00.0000.28 (boot loader)	
2.0	2013/1/31	SR1.0	1.01.0000.17 (all) 0.00.0000.37 (boot loader)	
3.0	2013/4/26	SR1.1	1.01.0000.29 (all) 0.00.0000.37 (boot loader)	
4.0	2013/5/22	SR1.2	1.01.0000.31 (all) 0.00.0000.37 (boot loader)	
5.0	2013/7/11	SR1.3	1.01.0000.35 (all) 0.00.0000.37 (boot loader)	
6.0	2013/10/11	SR1.4	1.01.0000.39 (all) 0.00.0000.42 (boot loader)	
7.0	2013/12/10	SR2.0	1.02.0000.41 (all) 0.00.0000.43 (boot loader)	
7.1	2013/12/17	SR2.0	1.02.0000.41 (all) 0.00.0000.43 (boot loader)	Update new features in 2.2.1
7.2	2013/12/30	SR2.01	1.02.0000.42 (all) 0.00.0000.43 (boot loader)	
7.3	2014/1/6	SR2.02	1.02.0000.43 (all) 0.00.0000.43 (boot loader)	
8.0	2014/4/16	SR2.1	1.02.0000.53 (all) 0.00.0000.43 (boot loader)	
9.0	2014/7/28	SR2.2	1.03.0000.07 (all) 1.00.0000.00 (boot loader)	Support new model Vess R2600xiS/D
10.0	2014/10/1	SR2.2.1	1.03.0000.10 (all) 1.00.0000.00 (boot loader)	
11.0	2014/12/31	SR 2.3	1.03.0000.43 (all) 1.00.0000.07 (boot loader)	New features, New models and bugs fixed
12.0	2015/4/8	SR 2.4	1.04.0000.07 (all) 1.00.0000.10 (boot loader)	New features, New models and bugs fixed
13.0	2015/5/14	SR 2.4.1	1.04.0000.11 (all) 1.00.0000.10 (boot loader)	Support new models and bugs fixed

14.0	2015/6/30	SR 2.5	1.05.0000.12 (all) 1.00.0000.10 (boot loader)	Support new models and bugs fixed
15.0	2015/10/6	SR 2.5.1	1.05.0000.20 (all) 1.00.0000.14 (boot loader)	
15.1	2015/10/28	SR 2.5.1	1.05.0000.21 (all) 1.00.0000.14 (boot loader)	Fix more bugs
16.0	2016/1/15	SR 2.5.2	1.05.0000.34 (all) 1.00.0000.17 (boot loader)	New feature and Fix bugs

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1. Contents for This Release

SR2.5.2 Image Version v1.05.0000.34 is for Vess R2000 series products, and the image can be used with the following models:

1. Vess R2600iD, R2600fiD, R2600tiD, R2600xiD, R2604fiD, R2600iS, R2600fiS, R2600tiS, R2600xiS, R2604fiS
2. Vess R2610i, R2612i, R2610fi, R2610xi, R2810i, R2812i, R2810fi, R2810xi
3. Vess J2600sD, J2600sS, J2610s, J2810s
4. Vess R2600xiS PRO, R2600xiD PRO, R2600tiS PRO, R2600tiD PRO

2. Firmware

2.1 Version

2.1.1 Current Version

Vess R2000 Service Release 2.5.2 (SR2.5.2): v1.05.0000.34

2.1.2 Previous Release Version

Vess R2000 Previous Release Version: v1.05.0000.21 (SR2.5.1)

2.2 Highlights in this release

- When system firmware release label is FCS, SR1.0, SR1.1, or SR1.2, user must first upgrade it to FW SR1.3 or SR1.4 before applying new FW SR2.xx
- Check item 4 of errata and known issues to restore/backup ACL entries before upgrade FW or restart Vess R2600
- SR 2.4 removes NAS configuration from USB DOM and only keeps NAS configuration on SD. When user removes all SD and restart system, all NAS configuration will become default setting.

2.2.1 New Features

➤ SR 2.5.2

- Support 32GB (2 * 16GB DDR3 DIMM) memory per controller

➤ SR 2.5.1

- Support automatic shutdown in UPS function

➤ SR 2.5

- Add Vess R2610fi, R2810fi, Vess R2604fiS, Vess R2604fiD models

➤ **SR 2.4.1**

- Add Vess R2600xiS PRO, R2600xiD PRO, R2600tiS PRO, R2600tiD PRO models

➤ **SR 2.4**

- Add Vess R2810i, R2812i, J2810s models
- Support SMB3.0

➤ **SR 2.3**

- Add Vess R2610i, R2612i, J2610s models
- Support new file system XFS
- Support NAS VAAI
- Support NAS active-active mode
- Support Eth i/o ports link down fail over

➤ **SR 2.2**

- Support new models Vess R2600xiD and Vess R2600xiS

➤ **SR 2.1**

- Support new models Vess R2600tiD, and Vess R2600tiS
- Support NAS

➤ **SR 2.0**

- Support Online LUN Clone
- Support LACP option for port trunking
- Support VMWare VAAI (Write Same, XCOPY, ATS)
- Enhanced advanced flash backup
- Support 8052 FAN (OEM base)

2.2.2 Bugs Fixed

➤ **SR 2.5.2**

Title	PD timeout may cause i/o work abnormal and crash
Problem Description	PD timeout may cause i/o work abnormal and crash
Reference	RB-222171, RB-214018, RB-207140

Resolution/Status	Fixed in the SR2.5.2
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Title	LD can't be accessed when LD expanding and VAAI enabled
Problem Description	LD can't be accessed when LD expanding and VAAI enabled
Reference	RB-221016
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Clone may triggers controller fail over
Problem Description	Clone may triggers controller fail over
Reference	RB-219231
Resolution/Status	Fixed in the SR2.5.2 Released

Title	FW may hang on processing WHT when controller fail over
Problem Description	FW may hang on processing WHT when controller fail over
Reference	RB-221185, RB-222596
Resolution/Status	Fixed in the SR2.5.2 Released

Title	i/o on critical RAID 6 may stuck when there are medium errors on a RAID member
Problem Description	i/o on critical RAID 6 may stuck when there are medium errors on a RAID member
Reference	RB-221048, RB-220769
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Bus error under full loading on FC and iSCSI
Problem Description	Bus error under full loading on FC and iSCSI
Reference	RB-222788

Resolution/Status	Fixed in the SR2.5.2 Released
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Title	Some 1Gb iSCSI ports can link up on Vess R2610xi
Problem Description	Some 1Gb iSCSI ports can link up on Vess R2610xi
Reference	RB-223072
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Display wrong message "Some internal components are critical or offline" on back view page of GUI
Problem Description	Display wrong message "Some internal components are critical or offline" on back view page of GUI
Reference	RB-221163
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Need to know how to decode PD specdata field
Problem Description	Per FAE request to change definition of some event specdata
Reference	RB-223034
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Memory leak on php2
Problem Description	Memory leak on php2
Reference	RT-2361
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Memory leak on php2
Problem Description	Memory leak on php2

Reference	RT-2361
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Config script does not save initiators
Problem Description	Config script does not save initiators
Reference	RB-221736
Resolution/Status	Fixed in the SR2.5.2 Released

Title	Can't login from GUI when doing controller failover
Problem Description	Can't login from GUI when doing controller failover
Reference	RB-221419
Resolution/Status	Fixed in the SR2.5.2 Released

Title	GUI page display incorrect on OEM FW with OEM code 4910
Problem Description	GUI page display incorrect on OEM FW with OEM code 4910
Reference	RB-223050
Resolution/Status	Fixed in the SR2.5.2 Released

Title	GUI only display Blower ID 1 and 3 information
Problem Description	GUI only display Blower ID 1 and 3 information
Reference	RB-223142
Resolution/Status	Fixed in the SR2.5.2 Released

Title	AD connectivity issue after firmware upgrade.
Problem Description	AD connectivity issue after firmware upgrade.

Reference	RB-223845
Resolution/Status	Fixed in the SR2.5.2 Released

Title	AD account mapping incorrect after firmware update
Problem Description	AD account mapping incorrect after firmware update
Reference	RB-223277
Resolution/Status	Fixed in the SR2.5.2 Released

Title	UID/GID mapping corruption after reboot
Problem Description	UID/GID mapping corruption after reboot
Reference	RB-224087
Resolution/Status	Fixed in the SR2.5.2 Released

Title	System reports wrong PSU voltage with B1 board
Problem Description	System reports wrong PSU voltage with B1 board
Reference	
Resolution/Status	Fixed in the SR2.5.2 Released

➤ **SR 2.5.1**

Title	FW may hang while controller fail over
Problem Description	FW may hang when flush dirty cache
Reference	RB-221185
Resolution/Status	Fixed in the SR2.5.1 (FW 1.05.000.21) Released

Title	MIC RIO function NULL
Problem	MIC RIO function NULL

Description	
Reference	RB-221207
Resolution/Status	Fixed in the SR2.5.1 (FW 1.05.000.21) Released

Title	PSU 1 temperature over threshold
Problem Description	PSU 1 temperature over threshold
Reference	RB-221288
Resolution/Status	Fixed in the SR2.5.1 (FW 1.05.000.21) Released

Title	V-port doesn't work while FOFB with LUNAffinity enabled
Problem Description	V-port doesn't work while FOFB with LUNAffinity enabled
Reference	RB-219934
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Hit WDT when shutdown system
Problem Description	Hit WDT when shutdown system
Reference	RB-218150
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Online transport DP/SD, target system can't scan it
Problem Description	Need to change LUN id when NAS LD transport
Reference	RB-220027
Resolution/Status	Fixed in the SR2.5.1 Released

Title	When online LUN clone proceeds and restart system. The associations exist with remaining times 0
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Problem Description	When online LUN clone proceeds and restart system. The associations exist with remaining times 0
Reference	RB-217691
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Clone issues
Problem Description	<ul style="list-style-type: none">When online LUN clone proceeds and restart system. The associations exist with remaining times 0Fail to stop clone when many clone processes are running
Reference	RB-217691, RB-219239
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Buzzer issues
Problem Description	<ul style="list-style-type: none">Buzzer alerts after delete degrade arrayBuzzer alerts after rebuilding finish
Reference	RB-217885, RB-218481
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Array LED status of stale config PD is inconsistent on GUI and drive carrier
Problem Description	Array LED status of stale config PD is inconsistent on GUI and drive carrier
Reference	RB-219507
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Insert drive may cause WDT
Problem Description	Insert drive may cause WDT
Reference	RB-219480
Resolution/Status	Fixed in the SR2.5.1 Released

Title	VR2600xi heartbeat timeout while execute command iSCSI -t portal / sfp
Problem Description	VR2600xi heartbeat timeout while execute command iSCSI -t portal / sfp
Reference	RB-219219
Resolution/Status	Fixed in the SR2.5.1 Released

Title	VR2600xi heartbeat timeout while execute command iSCSI -t portal / sfp
Problem Description	VR2600xi heartbeat timeout while execute command iSCSI -t portal / sfp
Reference	RB-219219
Resolution/Status	Fixed in the SR2.5.1 Released

Title	RC stuck and can't complete
Problem Description	Before xor call back to raid, don't set the xor status
Reference	RB-218841
Resolution/Status	Fixed in the SR2.5.1 Released

Title	LD or ARRAY offline after power failure
Problem Description	LD or ARRAY offline after power failure
Reference	RB-216669
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Vess R2604fi FC link fail over may cause data compare error
Problem Description	Vess R2604fi FC link fail over may cause data compare error
Reference	RB-220685
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Don't see delete NAS portal event after reset iSCSI default
Problem Description	Don't see delete NAS portal event after reset iSCSI default
Reference	RB-219413
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Wrong performance information of R2610fi and R2810fi
Problem Description	Wrong performance information of R2610fi and R2810fi
Reference	RB-220113
Resolution/Status	Fixed in the SR2.5.1 Released

Title	File manager owner/group setting displays error name when name includes back-slash "\"
Problem Description	File manager owner/group setting displays error name when name includes back-slash "\"
Reference	RB-220530
Resolution/Status	Fixed in the SR2.5.1 Released

Title	NAS replication will become slowly
Problem Description	NAS replication will become slowly
Reference	RB-217045
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Command times out on physical
Problem Description	FW can't flush data to PD and enters dead lock state when PD enters power saving mode.
Reference	RB-219703
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Vess R2604 may restart while plug in/out FC cable
Problem Description	Vess R2604 may restart while plug in/out FC cable
Reference	RB-219785
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Vess R2604 may restart while plug in/out FC cable
Problem Description	Vess R2604 may restart while plug in/out FC cable
Reference	RB-219785
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Vess R2600 NAS lost connect over 1 week
Problem Description	FW sends i/o to DP/SD and unmount it when the PDs enter power saving mode
Reference	RB-220300
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Add chap information in service report
Problem Description	Add chap information in service report
Reference	RB-220120
Resolution/Status	Fixed in the SR2.5.1 Released

Title	iSCSI target name follows RFC-3722
Problem Description	iSCSI target name follows RFC-3722
Reference	RB-219139
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Vess R2612i reports PSU FAN 4 event
Problem Description	Vess R2612i does not have PSU 4
Reference	RB-220114
Resolution/Status	Fixed in the SR2.5.1 Released

Title	NAS replication failure
Problem Description	Vess R2600 will check SD status of target machine. If network status is unstable, check procedure will timeout and replication will fail
Reference	RB-220052
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Unable to connect to home folder with AD user
Problem Description	Unable to connect to home folder with AD user
Reference	RB-219961
Resolution/Status	Fixed in the SR2.5.1 Released

Title	No AD user related information imported
Problem Description	No AD user related information imported
Reference	RB-220031
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Share Setting Allow IP set without any IP will generate one blank record
Problem Description	Share Setting Allow IP set without any IP will generate one blank record
Reference	RB-220627
Resolution/Status	Fixed in the SR2.5.1 Released

Title	Can not authenticate as AD user using AFP
Problem Description	Can not authenticate as AD user using AFP
Reference	RB-220563
Resolution/Status	Fixed in the SR2.5.1 Released

➤ SR 2.5

Title	Controller plug in/out may cause heartbeat LED becomes blue without blink
Problem Description	Controller plug in/out may cause heartbeat LED becomes blue without blink
Reference	RB-218127
Resolution/Status	Fixed in the SR2.5 Released

Title	NAS replication backup last time & last status in OPAS are wrong
Problem Description	NAS replication backup last time & last status in OPAS are wrong
Reference	RB-219159
Resolution/Status	Fixed in the SR2.5 Released

Title	Controller B status incorrect on AD domain management page
Problem Description	Controller B status incorrect on AD domain management page
Reference	RB-218755
Resolution/Status	Fixed in the SR2.5 Released

Title	ACL setting on peer controller disappears after import config
Problem Description	ACL setting on peer controller disappears after import config
Reference	RB-218485
Resolution/Status	Fixed in the SR2.5 Released

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Title	Avoid high frequency write to USB DOM
Problem Description	Avoid high frequency write to USB DOM
Reference	RT-21407
Resolution/Status	Fixed in the SR2.5 Released

Title	Fix some bugs of GUI and CLI
Problem Description	<ul style="list-style-type: none">• Plug out PSU 1 but WPP's PSU icon still exist• CLI command "ptiflash" may show error message in some condition• FC logged in device index are different from CLI and GUI• Vess J2810's picture is wrong• Dashborad permission link to old page• Mouse move to "create portal" but diagbox display "create iSCSI portal"• File & Permission management interface overall style is different with other pages• Disk Drive media type is not correct at create NAS disk pool page• Compatibility issue with IE 9
Reference	RB-217772, RB-217560, RB-218082, RB-217974, RB-218249, RB-218365, RB-218459, RB-218655, RB-218664, RB-218806, RB-218927, RB-218994, RB-219005
Resolution/Status	Fixed in the SR2.5 Released

Title	Power cycle test fail when creates array with PD over 112
Problem Description	Power cycle test fail when creates array with PD over 112
Reference	RB-218952
Resolution/Status	Fixed in the SR2.5 Released

Title	I2 does not reset password of administrator when reset NAS account
Problem Description	I2 does not reset password of administrator when reset NAS account
Reference	RB-218484

Resolution/Status	Fixed in the SR2.5 Released
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Title	Don't setup link of mgmt port will cause UPS detects fail
Problem Description	Don't setup link of mgmt port will cause UPS detects fail
Reference	RB-217741
Resolution/Status	Fixed in the SR2.5 Released

Title	UPS LED can't work on Vess R2612
Problem Description	UPS LED can't work on Vess R2612
Reference	RB-217720
Resolution/Status	Fixed in the SR2.5 Released

Title	Import file fail
Problem Description	Import file fail
Reference	RB-218100, RB-218997
Resolution/Status	Fixed in the SR2.5 Released

Title	I2 memory leak
Problem Description	I2 memory leak
Reference	RB-208004
Resolution/Status	Fixed in the SR2.5 Released

Title	Email notification does not work
Problem Description	Authentication fail with MAC OS SMTP
Reference	RB-217750

Resolution/Status	Fixed in the SR2.5 Released
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Title	iSCSI initiator authorized failed
Problem Description	Clear bi-chap flag when do "factorydefaults"
Reference	RB-219292
Resolution/Status	Fixed in the SR2.5 Released

Title	Abort task events with VMWare and VAAI
Problem Description	Abort task events with VMWare and VAAI Improvement XCOPY
Reference	RB-217699, RB-218947
Resolution/Status	Fixed in the SR2.5 Released

Title	Duplicate MAC addresses in iSCSI ports and unable to ping any portals in controller 2
Problem Description	Duplicate MAC addresses in iSCSI ports and unable to ping any portals in controller 2
Reference	RB-218673
Resolution/Status	Fixed in the SR2.5 Released

Title	Redundancy check can't complete
Problem Description	Redundancy check can't complete
Reference	RB-218841
Resolution/Status	Fixed in the SR2.5 Released

Title	When reset iSCSI setting without restart system, host login will cause FW restart
Problem Description	When reset iSCSI setting without restart system, host login will cause FW restart
Reference	RB-218599

Resolution/Status	Fixed in the SR2.5 Released
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Title	Avoid infinity loop when PD return ASC_DEFECT_LIST_NOT_FOUND
Problem Description	Avoid infinity loop when PD return ASC_DEFECT_LIST_NOT_FOUND
Reference	RB-213956
Resolution/Status	Fixed in the SR2.5 Released

Title	Bugs of battery LED
Problem Description	Can't locate Battery Battery LED displays green light when battery malfunction No insert battery but battery LED displays red light
Reference	RB-217782, RB-217784, RB-217780
Resolution/Status	Fixed in the SR2.5 Released

Title	Stop rebuild may cause ARRAY becomes incomplete after system restart
Problem Description	Stop rebuild may cause ARRAY becomes incomplete after system restart
Reference	RB-217909
Resolution/Status	Fixed in the SR2.5 Released

Title	Get FC information may cause FW crash
Problem Description	Get FC information may cause FW crash
Reference	RB-218155
Resolution/Status	Fixed in the SR2.5 Released

Title	Case-sensitivity in iSCSI name
Problem Description	iSCSI names are case-sensitive

Reference	RB-217956
Resolution/Status	Fixed in the SR2.5 Released

Title	Plug out a controller may cause another controller reset
Problem Description	Plug out a controller may cause another controller reset
Reference	RB-217891
Resolution/Status	Fixed in the SR2.5 Released

Title	Subsystem lock by other is present
Problem Description	Change UPS detection setting will display subsystem lock by other is present on CLU
Reference	RB-216833
Resolution/Status	Fixed in the SR2.5 Released

Title	Display wrong hard drives FW version
Problem Description	Display wrong hard drives FW version
Reference	RB-217241
Resolution/Status	Fixed in the SR2.5 Released

➤ **SR 2.4.1**

Title	R5 sequential write performance drop
Problem Description	R5 sequential write performance drop
Reference	RB-218802
Resolution/Status	Fixed in the SR2.4.1 Released

Title	Memory allocation fail and trigger watchdog
Problem	Memory allocation fail in function CtlInternalGetThisInfo and hit WDT

Description	
Reference	RB-218797
Resolution/Status	Fixed in the SR2.4.1 Released

Title	Import config script fail and stop in networking setting
Problem Description	Import config script fail and stop in networking setting
Reference	RB-218100
Resolution/Status	Fixed in the SR2.4.1 Released

Title	SR 2.4 AD domain join ok on one ctrl but fail on another ctrl
Problem Description	SR 2.4 AD domain join ok on one ctrl but fail on another ctrl
Reference	RB-218901
Resolution/Status	Fixed in the SR2.4.1 Released

➤ **SR 2.4**

Title	NAS service down when controller fail back under AA mode
Problem Description	Fail to handle NAS service when controller fails back.
Reference	RB-215656
Resolution/Status	Fixed in the SR2.4 Released

Title	See many messages "get SI ZERO, failed to submit command to RAID driver", when get OPAS
Problem Description	SW sends commands too fast, add delay in the loop.
Reference	RB-216771
Resolution/Status	Fixed in the SR2.4 Released

Title	SNMP set port function does not work
Problem Description	GUI does not allow user to set trap port. Add the function to support it.
Reference	RB-216967
Resolution/Status	Fixed in the SR2.4 Released

Title	See no more perfect rebuild available when create array
Problem Description	Count of perfect rebuild overwritten AppMode
Reference	RB-216984
Resolution/Status	Fixed in the SR2.4 Released

Title	Machine enters dual master state
Problem Description	FW detects c2c timeout and machine enters dual master condition
Reference	RB-217092
Resolution/Status	Fixed in the SR2.4 Released

Title	Controller failover unexpectedly
Problem Description	Port index error causes system crash
Reference	RB-217155
Resolution/Status	Fixed in the SR2.4 Released

Title	NAS replication failed
Problem Description	NAS replication failed due to mount snapshot failed
Reference	RB-217219
Resolution/Status	Fixed in the SR2.4 Released

Title	Display wrong hard drive's FW version
Problem Description	Display wrong hard drive's FW version
Reference	RB-217241
Resolution/Status	Fixed in the SR2.4 Released

Title	Port ID does not match on different pages of GUI
Problem Description	Port ID does not match on different pages of GUI
Reference	RB-217369
Resolution/Status	Fixed in the SR2.4 Released

Title	Ping fail
Problem Description	Ping fail
Reference	RB-217424
Resolution/Status	Fixed in the SR2.4 Released

Title	CLI command ptiflash displays error
Problem Description	Enter ptiflash without any parameter will display wrong message
Reference	RB-217560
Resolution/Status	Fixed in the SR2.4 Released

Title	Host can't access NAS SD after controller fail over
Problem Description	Host can't access NAS SD after controller fail over
Reference	RB-217711
Resolution/Status	Fixed in the SR2.4 Released

Title	Message bomb overwritten console log
Problem Description	Message bomb overwritten console log
Reference	RB-217805
Resolution/Status	Fixed in the SR2.4 Released

Title	FW may reset when controller plug in/out with degrade RAID
Problem Description	FW may reset when controller plug in/out with degrade RAID
Reference	RB-217891
Resolution/Status	Fixed in the SR2.4 Released

Title	Disable FUA to improve performance on surveillance environment
Problem Description	Change hostcacheflushing value will auto change enable/disable FUA too.
Reference	RB-217960
Resolution/Status	Fixed in the SR2.4 Released

Title	Vess R2612i iSCSI MCS only supports max. 4 connections
Problem Description	Change max connections to 8 for Vess R2612i
Reference	RB-218066
Resolution/Status	Fixed in the SR2.4 Released

Title	Vess R2600 heartbeat LED does not blink
Problem Description	Vess R2600 heartbeat LED does not blink after controller plug out/in
Reference	RB-218127
Resolution/Status	Fixed in the SR2.4 Released

Title	Vess R2600 displays wrong FAN speed, temperature
Problem Description	Vess R2600 displays wrong FAN speed, temperature
Reference	RB-217368, RB-216993, RB-217271, RB-217703, RB-218043
Resolution/Status	Fixed in the SR2.4 Released

Title	Delete files may cause memory leak on SD
Problem Description	Delete files may cause memory leak on SD and controller fail over
Reference	RB-217045
Resolution/Status	Fixed in the SR2.4 Released

Title	System enters controller dual master state
Problem Description	System enters controller dual master state
Reference	RB-217092
Resolution/Status	Fixed in the SR2.4 Released

Title	Remove NAS configuration from USB DOM
Problem Description	Remove NAS configuration from USB DOM
Reference	RB-215854
Resolution/Status	Fixed in the SR2.4 Released

➤ **SR 2.3**

Title	Can't create RAID1 SD
Problem Description	Failed to create SD with RAID1 smaller size
Reference	RB-215629
Resolution/Status	Fixed in the SR2.3 Released

Title	Delete SD fail
Problem Description	Can't umount SD if any ISO image on this SD has been mounted
Reference	RB-215183
Resolution/Status	Fixed in the SR2.3 Released

Title	Slow replication speed
Problem Description	<ul style="list-style-type: none">The replication starts last night but it only finished 1% after 8 hours.Replication takes long time to complete
Reference	RB-215183, RB-215854
Resolution/Status	Fixed in the SR2.3 Released

Title	While join domain, domain administrator's password can't have particular character
Problem Description	Domain administrator's password can't have particular character
Reference	RB-214086
Resolution/Status	Fixed in the SR2.3 Released

Title	Can't login GUI and diskpool is disappear
Problem Description	/tmp is full and causes diskpool is disappear and fail to login GUI
Reference	RB-214361
Resolution/Status	Fixed in the SR2.3 Released

Title	NFS "allow ip" has been removed
Problem Description	<ol style="list-style-type: none">Reset allow ip list when booting if SD type is "backup"Modify NFS allow ip policy to fix it
Reference	RB-216612
Resolution/Status	Fixed in the SR2.3 Released

Title	Email notification enhancement
Problem Description	Allow user inputs “-“
Reference	RB-216612
Resolution/Status	Fixed in the SR2.3 Released

Title	Temperature setting default value is not correct after restore default
Problem Description	Temperature setting default value is not correct after restore default
Reference	RB-216703
Resolution/Status	Fixed in the SR2.3 Released

Title	Display wrong information on GUI when diskpool stripe size is 1MB
Problem Description	Display wrong information on GUI when diskpool stripe size is 1MB
Reference	RB-216465
Resolution/Status	Fixed in the SR2.3 Released

Title	Modify and fix some messages or error in GUI
Problem Description	Modify error messages when using wizard to create RAID Delete NAS portal diagbox description to display iSCSI portal UPS Address can set 1000.1000.1000.1000
Reference	RB-216157, RB-216161, RB-216382
Resolution/Status	Fixed in the SR2.3 Released

Title	Can't login GUI after update FW
Problem Description	1. The root cause of this bug is time changed by NAS execute ntpdate if the subsys join AD and causes i2 couldn't sync. 2. SW implements a new cli sub-command with ntp for NAS to execute ntpdate.
Reference	RB-215117

Resolution/Status	Fixed in the SR2.3 Released
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Title	Modify some messages in GUI
Problem Description	Modify error messages when using wizard to create RAID Delete NAS portal diagbox description to display iSCSI portal
Reference	RB-216157, RB-216161
Resolution/Status	Fixed in the SR2.3 Released

Title	Modify error messages when using wizard to create RAID
Problem Description	Modify error messages when using wizard to create RAID
Reference	RB-216157
Resolution/Status	Fixed in the SR2.3 Released

Title	Import a wrong NAS configuration but GUI displays successful without error
Problem Description	Import a wrong NAS configuration but GUI displays successful without error
Reference	RB-214884
Resolution/Status	Fixed in the SR2.3 Released

Title	Modify some information of mount ISO image on GUI
Problem Description	Mount iso image does not support time machine option Remove some information from ISO image page
Reference	RB-214884
Resolution/Status	Fixed in the SR2.3 Released

Title	Replication recovery fail by user does not select server (GUI)
Problem Description	Replication recovery fail by user does not select server (GUI)
Reference	RB-214585

Resolution/Status	Fixed in the SR2.3 Released
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Title	Quota can set over SD capacity size
Problem Description	Quota can set over SD capacity size
Reference	RB-214248
Resolution/Status	Fixed in the SR2.3 Released

Title	Extend SD fail
Problem Description	Fail to extend SD when the extend size is not integer.
Reference	RB-214250
Resolution/Status	Fixed in the SR2.3 Released

Title	NAS DP-R10 extend failed if select odd number HDDs but GUI does not report error
Problem Description	Fail to extend NAS R10 by GUI without error message.
Reference	RB-214260
Resolution/Status	Fixed in the SR2.3 Released

Title	Revise some description of iSCSI port link up/down event
Problem Description	Revise some description of iSCSI port link up/down event
Reference	RB-214257
Resolution/Status	Fixed in the SR2.3 Released

Title	NAS pool can't expand if made by SSD
Problem Description	NAS pool can't expand if made by SSD
Reference	RB-213968

Resolution/Status	Fixed in the SR2.3 Released
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Title	When enable lunmap, plug out and in FC cable, Windows does not show LD (master controller)
Problem Description	When enable lunmap, plug out and in FC cable, Windows does not show LD (master controller)
Reference	RB-216039
Resolution/Status	Fixed in the SR2.3 Released

Title	Display error messages when controller failover
Problem Description	Display RIO Resource Func NULL when controller failover Display LReq Failed
Reference	RB-213804, RB-213803
Resolution/Status	Fixed in the SR2.3 Released

Title	Wish the perfect rebuild could be enabled after initialize LD
Problem Description	Modify the policy when LD init can select perfect rebuild or not
Reference	RB-214000
Resolution/Status	Fixed in the SR2.3 Released

Title	After firmware upgrade to 1.03.0000.10, lun is not exposed to the Host
Problem Description	Auto rebuild iSCSI target name does not match the original iSCSI name
Reference	RB-216504
Resolution/Status	Fixed in the SR2.3 Released

Title	iSCSI session reinstainment causes system crash
Problem Description	Session reinstainment causes system crash

Reference	RB-216594
Resolution/Status	Fixed in the SR2.3 Released

Title	Controller fail over when receives SCSI vendor specific command
Problem Description	Controller fail over when receives SCSI vendor specific command
Reference	RB-216085
Resolution/Status	Fixed in the SR2.3 Released

Title	Controller fail over when receives SCSI vendor specific command
Problem Description	Controller fail over when receives SCSI vendor specific command
Reference	RB-216085
Resolution/Status	Fixed in the SR2.3 Released

Title	Ping fail
Problem Description	Ping from iSCSI port might fail
Reference	RB-214671
Resolution/Status	Fixed in the SR2.3 Released

Title	Event information is incorrect
Problem Description	Create NAS portal but event displays iSCSI portal
Reference	RB-214373
Resolution/Status	Fixed in the SR2.3 Released

Title	10G SFP+ port lost when plug in a SFP not in AVL
Problem Description	plug in FC SFP to iSCSI 10G port and cause the port offline

Reference	RB-213518
Resolution/Status	Fixed in the SR2.3 Released

➤ SR 2.2.1

Title	Controller sets wrong trunk type
Problem Description	Controller 2 creates wrong trunk type when controller 1 failover
Reference	RB-215208
Resolution/Status	Fixed in the SR2.2.1 Released

Title	I/O port can't get DHCP service
Problem Description	I/O port can't get DHCP service when controller failover
Reference	RB-215449
Resolution/Status	Fixed in the SR2.2.1 Released

Title	iSCSI host can't detect LUN after Vess R2600 upgrade FW
Problem Description	Enable NDIU and follow the steps to upgrade FW from 1.01.0000.35 -> 1.02.0000.53 -> 1.03.0000.07 will cause iSCSI target configuration incorrect
Reference	RB-214802
Resolution/Status	Fixed in the SR2.2.1 Released More information in item 5 of errata and known issues

Title	Lpfc 0457 adapter hardware error data
Problem Description	FC port may offline suddenly with 4G/8G/16G memory
Reference	RB-208079
Resolution/Status	Fixed in the SR2.2.1 Released

Title	Management port disconnect
Problem	1. management port chip keeps to print warning messages

Description	2. management port driver will dead by receive big size packet 3. default route works abnormal when change management port to peer controller
Reference	RB-214626
Resolution/Status	Fixed in the SR2.2.1 Released

Title	Routing table issue
Problem Description	The AD can't work if no management port connection.
Reference	RB-215151
Resolution/Status	Fixed in the SR2.2.1 Released

Title	User configuration will lost if no USB DOM (DP existed)
Problem Description	If USB DOM is gone, NAS configuration will not be restored from existed DP.
Reference	RB-214892
Resolution/Status	Fixed in the SR2.2.1 Released

Title	Slow replication speed
Problem Description	The replication starts last night but only finishes 1% after 8 hours
Reference	RB-215183
Resolution/Status	Fixed in the SR2.2.1 Released

Title	Vess R2600 NFS "allow ip" has been removed
Problem Description	To support NFS permission setting (RW, RO)
Reference	RB-214119
Resolution/Status	Fixed in the SR2.2.1 Released

➤ **SR 2.2**

Title	Host can't detect LUN22
Problem Description	Host does not send inquiry command to LUN22 since Vess R2600 reports LUN22 bus ID=1
Reference	RB-212852
Resolution/Status	Fixed in the SR2.2 Released

Title	Can't get correct value by import/export
Problem Description	NTP setting can't get correct value by import/export iSCSI setting can't get correct value by import/export
Reference	RB-212669, RB-212868, RB-212668
Resolution/Status	Fixed in the SR2.2 Released

Title	Offline SD could not be removed
Problem Description	Offline SD could not be removed
Reference	RB-212941
Resolution/Status	Fixed in the SR2.2 Released

Title	C2C and heartbeat timeout
Problem Description	To handle packet after initiator logout causes FW dead lock.
Reference	RB-212058, RB-207428
Resolution/Status	Fixed in the SR2.2 Released

Title	Add a switch for VAAI
Problem Description	Add a switch for VAAI
Reference	RT-18392, RB-211878, RB-211738
Resolution/Status	Fixed in the SR2.2 Released

Title	Mark drive as PFA
Problem Description	Mark all drives as PFA when DDF read fail
Reference	RT-18394
Resolution/Status	Fixed in the SR2.2 Released

Title	Hit N-1 PSU policy when system boot
Problem Description	It may cause unused PD or controller enters maintenance mode.
Reference	RT-12523, RB-211878
Resolution/Status	Fixed in the SR2.2 Released

Title	Replace share disk fail
Problem Description	Can't delete Clone task if source share disk be deleted
Reference	RB-212577
Resolution/Status	Fixed in the SR2.2 Released

Title	Replication recovery displays error status when destination NAS controller resets.
Problem Description	Replication recovery displays error status when destination NAS controller resets.
Reference	RB-212444
Resolution/Status	Fixed in the SR2.2 Released

Title	Buzzer works abnormal
Problem Description	Buzzer works abnormal
Reference	RB-209513, RT-16252
Resolution/Status	Fixed in the SR2.2 Released

Title	FW crash with RHEL
Problem Description	FW crash by data overrun or underrun.
Reference	RB-211882
Resolution/Status	Fixed in the SR2.2 Released

Title	Windows format volume slowly with RR across dual controllers
Problem Description	Windows format volume slowly with RR across dual controllers
Reference	RB-211968
Resolution/Status	Fixed in the SR2.2 Released

Title	Display error information with SAS 12Gb/s HDD drive interface
Problem Description	Display error information with SAS 12Gb/s HDD drive interface
Reference	RB-211911
Resolution/Status	Fixed in the SR2.2 Released

Title	Locate diskpool fail
Problem Description	Locate diskpool fail
Reference	RB-211492
Resolution/Status	Fixed in the SR2.2 Released

Title	User can assign NFS port number for security issue
Problem Description	User can assign NFS port number for security issue
Reference	RB-211689
Resolution/Status	Fixed in the SR2.2 Released

Title	Some configuration settings do not backup to NAS data partition
Problem Description	Some configuration settings do not backup to NAS data partition
Reference	RB-212315
Resolution/Status	Fixed in the SR2.2 Released

Title	Delete association when stop LUN Clone in GUI
Problem Description	Can't delete Cloned LD After re-create new NAS LD, the "Disk Pool & Share Disk" didn't show any NAS volume
Reference	RB-211977, RB-211599
Resolution/Status	Fixed in the SR2.2 Released

Title	Delete association when stop LUN Clone in GUI
Problem Description	Can't delete Cloned LD After re-create new NAS LD, the "Disk Pool & Share Disk" didn't show any NAS volume
Reference	RB-211977, RB-211599
Resolution/Status	Fixed in the SR2.2 Released

Title	Support to create different LD stripe size for disk pool
Problem Description	Support to create different LD stripe size for disk pool
Reference	RT-18044
Resolution/Status	Fixed in the SR2.2 Released

Title	NAS selectively choose the group/member from AD
Problem Description	NAS selectively choose the group/member from AD
Reference	RB-211687
Resolution/Status	Fixed in the SR2.2 Released

Title	While one RAID 5 disk pool becomes offline, can't create new disk pool
Problem Description	While one RAID 5 disk pool becomes offline, can't create new disk pool
Reference	RB-211757
Resolution/Status	Fixed in the SR2.2 Released

Title	NAS disk pool lost while another disk pool is deleted.
Problem Description	NAS disk pool lost while another disk pool is deleted.
Reference	RT-18038
Resolution/Status	Fixed in the SR2.2 Released

Title	Only Administrator can delete Restore Folder.
Problem Description	Only Administrator can delete Restore Folder.
Reference	RT-18059
Resolution/Status	Fixed in the SR2.2 Released

Title	While NAS SD is empty, it still can do replication
Problem Description	Block replication to overwrite target SD files when source SD is empty.
Reference	RB-211798
Resolution/Status	Fixed in the SR2.2 Released

Title	Restore folder "Restore\<task>\<YYMMDD>" can't be deleted after NAS replication restore
Problem Description	Restore folder "Restore\<task>\<YYMMDD>" can't be deleted after NAS replication restore
Reference	RB-211758, RB-211755
Resolution/Status	Fixed in the SR2.2 Released

Title	Restore folder "Restore\<task>\<YYMMDD>" can't be deleted after NAS replication restore
Problem Description	Restore folder "Restore\<task>\<YYMMDD>" can't be deleted after NAS replication restore
Reference	RB-211758, RB-211755
Resolution/Status	Fixed in the SR2.2 Released

Title	AD domain DNS server is gone
Problem Description	AD domain DNS server is gone
Reference	RB-211705
Resolution/Status	Fixed in the SR2.2 Released

Title	Fail to set FTP maximum connection
Problem Description	Set maximum connection to 2 but get 64 when check it again
Reference	RB-211670
Resolution/Status	Fixed in the SR2.2 Released

Title	Rsync fail by permission denied
Problem Description	Rsync fail by permission denied
Reference	RB-211589
Resolution/Status	Fixed in the SR2.2 Released

Title	Sometimes recovery fail
Problem Description	Wrong type of perl require path
Reference	RB-211578
Resolution/Status	Fixed in the SR2.2 Released

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Title	Can't stop check share disk
Problem Description	Since some fsck phase can't be stopped, hide the stop check function
Reference	RB-211315
Resolution/S tatus	Fixed in the SR2.2 Released

Title	Email daemon does not support esmtp
Problem Description	Email daemon only support smtp without encryption at default 25 port number. Email daemon need support encryption smtp include SSL and TLS for authorization
Reference	RB-211274
Resolution/S tatus	Fixed in the SR2.2 Released

Title	Set IP 127.0.0.1 in GUI
Problem Description	Success to set IP 127.0.0.1 in CLU, but fail in GUI.
Reference	RB-210490
Resolution/S tatus	Fixed in the SR2.2 Released

Title	Reset NAS backup setting, share disk didn't change back to normal
Problem Description	Reset NAS backup setting, share disk didn't change back to normal
Reference	RB-211520
Resolution/S tatus	Fixed in the SR2.2 Released

Title	Out of AD server when controller 1 fail over
Problem Description	Out of AD server when controller 1 fail over
Reference	RB-213035
Resolution/S	Fixed in the SR2.2 Released

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Title	Some events will not send email notification.
Problem Description	Some events will not send email notification.
Reference	RB-213847
Resolution/Status	Fixed in the SR2.2 Released

Title	SCSI host abort task with NFS i/o
Problem Description	SCSI host abort task with NFS i/o
Reference	RB-212134
Resolution/Status	Fixed in the SR2.2 Released

Title	Some performance issues of NAS
Problem Description	Improve file backup, and rsync performance Improve delete files performance
Reference	RB-212172, RT-18683, RB-213489, RB-213486
Resolution/Status	Fixed in the SR2.2 Released

Title	Fail to create disk pool when LUN masking is enabled
Problem Description	Fail to create disk pool when LUN masking is enabled
Reference	RB-210845
Resolution/Status	Fixed in the SR2.2 Released

➤ **SR 2.1**

Title	Unstable iSCSI session
Problem Description	Stopping media patrol may cause i/o stop

Reference	RB-210759
Resolution/Status	Fixed in the SR2.1 Released

Title	Mark PD dead but does not trigger rebuild with spare drive
Problem Description	Due to system wants update DDF to dead PD, it cause the auto rebuild does not be triggered.
Reference	RB-210515, RB-210658
Resolution/Status	Fixed in the SR2.1 Released

Title	Media patrol works abnormal with hard drive capacity over 2TB
Problem Description	Media patrol works abnormal with hard drive capacity over 2TB
Reference	RB-210593
Resolution/Status	Fixed in the SR2.1 Released

Title	VMWare VAAI test failed on ATS_File_OP
Problem Description	VMWare VAAI test failed on ATS_File_OP
Reference	RB-209138
Resolution/Status	Fixed in the SR2.1 Released

Title	Take wrong source/destination size in xcopy function
Problem Description	Take wrong source/destination size in xcopy function
Reference	RB-207074
Resolution/Status	Fixed in the SR2.1 Released

Title	Device offline and I/O stuck by zombie BICS
Problem Description	Device offline and I/O stuck by zombie BICS

Reference	RB-210024
Resolution/Status	Fixed in the SR2.1 Released

Title	Disk activity and status LEDs work abnormal
Problem Description	Disk activity and status LEDs work abnormal
Reference	RB-209124
Resolution/Status	Fixed in the SR2.1 Released

Title	Fail to load factory default of Scheduler by GUI
Problem Description	Fail to load factory default of Scheduler by GUI
Reference	RB-210523
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't use GUI after controller fail over
Problem Description	Can't use GUI after controller fail over
Reference	RB-211130
Resolution/Status	Fixed in the SR2.1 Released

Title	Fail to change FC port 2 speed of controller 2
Problem Description	Fail to change FC port 2 speed of controller 2
Reference	RB-210496
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't select scheduler name
Problem Description	1. Select battery recondition scheduler 2. Unselect battery recondition scheduler

	3. Can't select battery recondition scheduler after step 2
Reference	RB-210561
Resolution/Status	Fixed in the SR2.1 Released

Title	Fail to add Redundancy Check in scheduler
Problem Description	Fail to add Redundancy Check in scheduler
Reference	RB-210544
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't unselect the check box in migration function
Problem Description	Can't unselect the check box in migration function
Reference	RB-210567
Resolution/Status	Fixed in the SR2.1 Released

Title	Hide the start icon of migration when no LD in ARRAY
Problem Description	Hide the start icon of migration when no LD in ARRAY
Reference	RB-210634
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't know the fail reason to set more than 8 offline Clone LD.
Problem Description	Hide the start icon when choose more than 8 Clone LD
Reference	RB-210731
Resolution/Status	Fixed in the SR2.1 Released

Title	Can't start Media Patrol on GUI when only create spare disk without any ARRAY
Problem	Can't start Media Patrol on GUI when only create spare disk without any ARRAY.

Description	
Reference	RB-210759
Resolution/Status	Fixed in the SR2.1 Released

Title	Fix some Axles related issues
Problem Description	<ol style="list-style-type: none">1. Words display not correctly on create share disk page, the words would break in the row.2. When setting migration, Axles should enable if Target RAID Level choose RAID30.3. CLI can't support change axle count of RAID 30 of Clone command and causes it can't modify4. Always show 2 Axles in LUN Clone setting
Reference	RB-210901, RB-210902, RB-210710, RB-210712
Resolution/Status	Fixed in the SR2.1 Released

Title	Incorrect LD id in event
Problem Description	<ol style="list-style-type: none">1. create 32 LD2. add 32 LD to initiator in LUN map3. modify LUN id4. event will log incorrect LD id
Reference	RB-210840
Resolution/Status	Fixed in the SR2.1 Released

Title	IE compatibility issue at create share disk page
Problem Description	Words display not correctly on create share disk page, the words would break in the row.
Reference	RB-211037
Resolution/Status	Fixed in the SR2.1 Released

Title	iSCSI Boot from San problem with RHEL 6.5
Problem Description	The buffer prepared in iSCSI FE is not enough.

Reference	RB-210917
Resolution/Status	Fixed in the SR2.1 Released

Title	Email notification does not support esmtp
Problem Description	1. Email daemon only supports smtp without encryption at default 25 port number. 2. Email daemon needs support encryption smtp include SSL and TLS for authorization.
Reference	RB-211274
Resolution/Status	Fixed in the SR2.1 Released

Title	C2C timeout and socketSrv problem
Problem Description	One controller failed to response
Reference	RB-210163
Resolution/Status	Fixed in the SR2.1 Released

➤ **SR 2.02**

Title	GUI displays same portal when press "assign portal to target"
Problem Description	When execute "assign portal to target" function, portal group would become "unknown" and make some wrong information
Reference	RB-210390
Resolution/Status	Fixed in the SR2.02 Released

➤ **SR 2.01**

Title	V2600 single controller warning about controller not synching
Problem Description	GUI displays warning under single controller mode
Reference	RB-210307
Resolution/Status	Fixed in the SR2.01 Released

➤ **SR 2.0**

Title	turn on 4 JBOD from wake on SAS, only detect 2 JBOD
Problem Description	When system power on, RAID machine only detects 2 JBOD due to JBOD spin up too slow
Reference	RB-203437
Resolution/Status	Fixed in the SR2.0 Released

Title	Issue "maintenance -a enter -i1" and hit watchdog
Problem Description	Controller hit watchdog when try to enter maintenance mode.
Reference	RB-206623
Resolution/Status	Fixed in the SR2.0 Released

Title	Hit watchdog when machine starts after abnormal shutdown
Problem Description	1. power off by AC source 2. System hits watchdog or enters wrong mode when power on
Reference	RB-206579
Resolution/Status	Fixed in the SR2.0 Released

Title	Power button can't work in maintenance mode
Problem Description	When controller enters maintenance mode, user can't use power button to shutdown system
Reference	RB-206142
Resolution/Status	Fixed in the SR2.0 Released

Title	System may hit watchdog when system updates enclosure LED status
Problem Description	System may hit watchdog when system updates enclosure LED status
Reference	RB-207428
Resolution/Status	Fixed in the SR2.0 Released

Title	Display management port gateway IP as 0.0.0.0
Problem Description	When iSCSI portals over 25, will display management port gateway IP as 0.0.0.0.
Reference	RB-208713
Resolution/Status	Fixed in the SR2.0 Released

Title	Controllers fail to get EEPROM data and enter maintenance mode
Problem Description	System enters maintenance mode when system boots up
Reference	RB-206699
Resolution/Status	Fixed in the SR2.0 Released

Title	Management port maximum supported speed is incorrect
Problem Description	Display Management port maximum supported speed to 1000Mbps, correctly supported speed is 100Mbps
Reference	RB-207475
Resolution/Status	Fixed in the SR2.0 Released

Title	Failed to process "factorydefaults -a restore -t all"
Problem Description	"factorydefaults -a restore -t all" fail when management port is DHCP enabled
Reference	RB-207509
Resolution/Status	Fixed in the SR2.0 Released

Title	System may crash when controllers synchronize LD stats
Problem Description	System may crash when system synchronizes LD stats between dual controllers
Reference	RB-209139
Resolution/Status	Fixed in the SR2.0 Released

Title	System enters maintenance mode
Problem Description	FW hit watchdog and enters maintenance mode due to expander lost
Reference	RB-205782, RB-206877, RB-206664
Resolution/Status	Fixed in the SR2.0 Released

Title	FAN speed up to maximum RPM when system boots.
Problem Description	Sensor reports wrong value and set FAN status as thermal critical.
Reference	RB-207410
Resolution/Status	Fixed in the SR2.0 Released

Title	Failed to sync. NTP time
Problem Description	Last Synchronization Result is failed and Last Synchronization Time does not update.
Reference	RB-206625
Resolution/Status	Fixed in the SR2.0 Released

Title	Incorrect performance marked scale
Problem Description	The number of marked scale should be 1120, but only display 120
Reference	RB-208641
Resolution/Status	Fixed in the SR2.0 Released

Title	Performance monitor only show master port performance for trunk
Problem Description	Performance monitor only show master port performance. When master port offline, performance monitor still display trunk performance value at master port.
Reference	RB-207217
Resolution/Status	Fixed in the SR2.0 Released

Title	The php.ini corrupted while SW sync
Problem Description	The file format of php.ini is incorrect after performing SW sync
Reference	RB-207906
Resolution/Status	Fixed in the SR2.0 Released

Title	The maximum number of LUNs in help info of CLI command "array" is incorrect
Problem Description	Type "array -h" in CLI and the "Valid values" of ID is incorrect
Reference	RB-208519
Resolution/Status	Fixed in the SR2.0 Released

Title	PD firmware update fail
Problem Description	Update PD firmware form WebPAMPro-e but show error message "Cannot connect to webserver, Please try again later"
Reference	RB-207988
Resolution/Status	Fixed in the SR2.0 Released

Title	Some SNMP entries do not support double click or table view in MIB browser
Problem Description	Launch MIB Browser and double-click some SNMP entries always gets error because the data type of these SNMP entries is 64 bits
Reference	RB-206348, RB-206019
Resolution/Status	Fixed in the SR2.0 Released

Title	i2 still have www session while WPPe session auto logout
Problem Description	After Wppe session expired, i2 still have www session
Reference	RB-208176
Resolution/Status	Fixed in the SR2.0 Released

Title	LUN Mapping modifying GUI can't show >36 LD in one minute
Problem Description	Assign 64 LD into LUN Mapping, but only 32 LD would display on setting dialog
Reference	RB-205786
Resolution/Status	Fixed in the SR2.0 Released

Title	Management port info disappear with some specific operation
Problem Description	1. Click IPv4 View and then Click IPv6 View. 2. Close IPv6 View and IPv4 View also disappear.
Reference	RB-207477
Resolution/Status	Fixed in the SR2.0 Released

Title	In back view, highlight controller won't disappear
Problem Description	If connect more than 2 devices, clicks one device's controller first and then clicks another device's controller, the first device's controller highlight won't disappear.
Reference	RB-207508
Resolution/Status	Fixed in the SR2.0 Released

Title	IP Address configuration inconsistent between a and CLU
Problem Description	Enable DHCP and unplug Ethernet cable form management port, the IP information in CLI and CLU is different.
Reference	RB-206931
Resolution/Status	Fixed in the SR2.0 Released

Title	Failback controller didn't sync running status of SW daemons
Problem Description	Change the running status of all SW daemons to stopped, then plug-out controller 2 and plug-in it again. After failback, the running status of some daemons of controller 1 and controller 2 is different.
Reference	RB-207064
Resolution/Status	Fixed in the SR2.0 Released

Title	"Arrow keys" and "backspace" stop to work in CLI
Problem Description	Launch CLI and type "Arrow keys" or "backspace", then it display garbled text.
Reference	RB-206879
Resolution/Status	Fixed in the SR2.0 Released

Title	Import subsystem user database failed
Problem Description	Fail to import user database, user's information didn't restore
Reference	RB-207002
Resolution/Status	Fixed in the SR2.0 Released

Title	Enable LUN Affinity under single controller environment is not allowed
Problem Description	Boot system with single controller and perform enable LUN Affinity, the LUN Affinity does not apply to all LD.
Reference	RB-204599
Resolution/Status	Fixed in the SR2.0 Released

Title	In Active-standby mode, change the iSCSI port jumbo frame setting of standby controller is not allowed.
Problem Description	In Active-Standby mode, change the iSCSI port jumbo frame setting of standby controller, the setting will write to Active controller.
Reference	RB-206813
Resolution/Status	Fixed in the SR2.0 Released

Title	Create CHAP button remains in iSNS tab
Problem Description	Click on CHAP tab first and then Click on iSNS tab, "Create CHAP" button still remains in iSNS tab
Reference	RB-206992
Resolution/Status	Fixed in the SR2.0 Released

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Title	LD Rebuild should be Perfect Rebuild in WebPAMPro-e
Problem Description	WebPAMPro-e use the term "LD Rebuild", should change to "Perfect Rebuild"
Reference	RB-204094
Resolution/Status	Fixed in the SR2.0 Released

Title	Could not close message box
Problem Description	The right part of message box is disappeared so that couldn't press close button of physical drive "locate" function.
Reference	RB-207083
Resolution/Status	Fixed in the SR2.0 Released

Title	The startup type setting of Netsend is useless
Problem Description	Launch CLI and set the startup type of Netsend to manual. After reboot, the running status of Netsend is started.
Reference	RB-207065
Resolution/Status	Fixed in the SR2.0 Released

Title	Failed to export ctrl setting "AdvancedBatteryFlashBackup"
Problem Description	Launch CLI and run export configscript command. After export completely, change the AdvancedBatteryFlashBackup setting, then run import configscript command. After import completely, check the AdvanceBatteryFlashBackup setting and it is not change.
Reference	RB-206788
Resolution/Status	Fixed in the SR2.0 Released

Title	Invalid character will cause errors on email settings
Problem Description	Launch WebPAMProe, then go to the email setting page. Choose an input field and type "\" on it and save it. The setting window has vanished after go to email setting page again.

Reference	RB-206724, RB-206729
Resolution/Status	Fixed in the SR2.0 Released

Title	UPS setting will be no longer available if we set invalid IP address in UPS setting.
Problem Description	Set invalid IP address in UPS setting and save, then UPS setting function can't use anymore.
Reference	RB-206679
Resolution/Status	Fixed in the SR2.0 Released

Title	DST setting does not work, time is not displayed correctly.
Problem Description	Launch CLI and enable NTP and DST, after save it, the time didn't change.
Reference	RB-208864
Resolution/Status	Fixed in the SR2.0 Released

Title	FC configuration may change when put controller to different slot.
Problem Description	<ol style="list-style-type: none">1. Install controller A to slot 1 and system boot2. Install controller B3. change controller A FC setting4. Pull-out controller A5. shutdown6. pull out controller B and install to slot 17. system boot Will see FC configuration of slot 2, not slot 1
Reference	RB-207149
Resolution/Status	Fixed in the SR2.0 Released

Title	Display DA information fail in CLU with Vess R2600 + 6 * Vess J2600
Problem Description	<ol style="list-style-type: none">1. Launch CLU and perform create DA with all 112 physical hard drives2. Create LD on the DA, after create more than 13 LDs, sometimes it display no DA in CLU
Reference	RB-208846

Resolution/Status	Fixed in the SR2.0 Released
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Title	Master controller fail over cause buzzer sounding
Problem Description	Master controller fail over cause buzzer sounding.
Reference	RB-205701, RB-209513
Resolution/Status	Fixed in the SR2.0 Released

Title	Physical drives LED work abnormal
Problem Description	Activity LED does not blink. Status LED does not blink.
Reference	RB-209124
Resolution/Status	Activity LED issue fixed in the SR2.0 Released

Title	Enclosure monitor reports temperature value is under 10 Celsius at init stage
Problem Description	Enclosure monitor reports temperature value is under 10 Celsius at init stage
Reference	RB-205882
Resolution/Status	Fixed in the SR2.0 Released

Title	Expander board to board communication cause watch dog
Problem Description	Expander board to board thread memory and command queue in request and receive function are not same.
Reference	RB-205792, RB-206664, RB-205782
Resolution/Status	Fixed in the SR2.0 Released

➤ **SR 1.4**

Title	Host fail to see LUN 1, 3, 5, after MAID active
Problem Description	1. Host fail to access 3 LUNs 2. System lock in shutdown state

	3. FW takes long time to wake up all ARRAYS
Reference	RB-208152
Resolution/Status	Fixed in the SR1.4 Released

Title	C2C timeout and socketSrv problem
Problem Description	1. Upgrade FW may fail at controller restart when NDIU is enabled 2. Machine may fail to handle controller fail-back.
Reference	RB-207427
Resolution/Status	Fixed in the SR1.4 Released

Title	JBOD FW didn't update
Problem Description	JBOD FW didn't update due to JBOD not restart automatically after upgrading
Reference	RB-208779
Resolution/Status	Fixed in the SR1.4 Released

Title	Can't see crash information in kernel message
Problem Description	FW does not log the crash information to flash
Reference	RT-3286
Resolution/Status	Fixed in the SR1.4 Released

Title	Promise information are shown in OEM image
Problem Description	Select WebPAMPro-e Language to traditional chinese, Promise string will be shown on browser title
Reference	RB-208490
Resolution/Status	Fixed in the SR1.4 Released

Title	CLI and CLU can't change CHAP secret
Problem	1. CLI: Can change chap name + secret, but can't only change CHAP secret.

Description	2. CLU: can't change secret
Reference	RB-208679
Resolution/Status	Fixed in the SR1.4 Released

2.3 Errata and known issues for 1.05.0000.21

ID	Errata	Workaround
1	[RB-202196] Cannot execute command due to flash update in progress. After controller failback, there is a rare chance that CLU shows "Cannot perform operation: Flash update in progress."	Please enter "ptiflash -a stop" in CLI to bypass this issue.
2	[RB-204295] iSCSI MPIO or MCS, insert ctrl1, one LUN is missing.	Please modify the following registry on Windows OS. (1) Modify iSCSI initiator parameters, LinkDownTime=300 and MaxRequestHoldTime =300. Please refer to iSCSI Initiator Users Guide for the registry entry. (2) Modify SCSI disk parameter, TimeOutValue=300. Please refer to Registry Entries for SCSI Miniport Drivers for the registry entry. Note: Microsoft does not support the use of both MPIO and MCS connections to the same device. Use either MPIO or MCS to manage paths to storage and load balance policies. Please remove MPIO before using MCS to make sure that host behaves normal.
3	RB-203024: iSCSI READ performance is only 330MBs for 4 sessions	(1) Use more hosts, more sessions can improve the READ performance to line rate. (2) Enable jumbo frame can improve the READ performance to line rate.
4	RB-213035: Add ACL entries more than Vess	(1) SR 2.1 supports 21 ACL entries

	R2600 limitation on windows server 2008	<p>(2) SR 2.2 supports 256 ACL entries</p> <p>(3) If user sets more than limitation, ACL settings will work abnormal after Vess R2600 restart. Before restart Vess R2600, user can use (4) to keep ACL setting.</p> <p>(4) To backup/restore ACL by windows server 2008</p> <ol style="list-style-type: none"> Environment <ul style="list-style-type: none"> Vess R2600 Has joined AD domain Windows Server 2008 Require login with administrator of AD account or is AD server it self Mount Share Disk as Local Disk \\IP\ARSB -> Z:\ Backup first level folders/files ACL entries under Share Disk C:\>icacls z:* /save aclback.txt Restore ACL entries to Share Disk from the backup file C:\>icacls z:\ /restore aclback.txt
5	RB-214802: iSCSI host can't detect LUN after Vess R2600 upgrade FW	<p>When NDIU is enabled, if user follows the steps to upgrade FW, user will hit this issue. Upgrade FW 1.01.0000.35 -> 1.02.0000.53 -> 1.03.0000.07.</p> <p>To avoid this issue, user needs to upgrade FW 1.02.0000.43 before upgrade FW 1.02.0000.53. The steps will be 1.01.0000.35 -> 1.02.0000.43 -> 1.02.0000.53 -> 1.03.0000.07</p> <p>If user hits this issue, user can upgrade FW 1.03.0000.10 to fix it.</p>

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3 Notes

1. Please refer to the Promise compatibility list for up-to-date supported interconnecting hardware.
2. The default IP address of Vess R2600 management port is 10.0.0.1.
3. SR2.4: The Vess R2000 series RAID storage systems are all verified free from Shellshock issues, also known as Bashdoor, that allows a remote attacker to execute arbitrary commands and gain authorized access to a computer system. Here is a test reference list that proves R2000's firmware is patched against all known related Bash vulnerability issues.
 - <http://www.kb.cert.org/vuls/id/252743>
 - <http://lists.centos.org/pipermail/centos/2014-September/146154.html>
 - <https://www.debian.org/security/2014/dsa-3035>
 - <https://rhn.redhat.com/errata/RHSA-2014-1306.html>
 - <http://www.ubuntu.com/usn/usn-2363-2/>

4 Open Source Software release declaration

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