

Vess R2000 Series

Service Release Notes

Release Notes Document

Version: 16.0

Date: 2016/1/15

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Revision History

Revision	Date	Release	Release Version	Notes
	(YY/MM/DD)	Label		
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)	Update new features in
			0.00.0000.43 (boot loader)	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)	Support new model
			1.00.0000.00 (boot loader)	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)	New features, New
			1.00.0000.07 (boot loader)	models and bugs fixed
12.0	2015/4/8	SR 2.4	1.04.0000.07 (all)	New features, New
			1.00.0000.10 (boot loader)	models and bugs fixed
13.0	2015/5/14	SR 2.4.1	1.04.0000.11 (all)	Support new models
			1.00.0000.10 (boot loader)	and bugs fixed
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14.0	2015/6/30	SR 2.5	1.05.0000.12 (all)	Support new models
			1.00.0000.10 (boot loader)	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)	Fix more bugs
			1.00.0000.14 (boot loader)	
16.0	2016/1/15	SR 2.5.2	1.05.0000.34 (all)	New feature and Fix
			1.00.0000.17 (boot loader)	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:

- 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

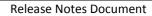
> SR 2.5.2

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





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Resolution/S	Fixed in the SR2.5.2
tatus	
Title	LD can't be accessed when LD expanding and VAAI enabled
Problem	LD can't be accessed when LD expanding and VAAI enabled
Description	
Reference	RB-221016
Resolution/S	Fixed in the SR2.5.2 Released
tatus	
Title	Clone may triggers controller fail over
Problem	Clone may triggers controller fail over
Description	
Reference	RB-219231
Resolution/S	Fixed in the SR2.5.2 Released
tatus	
Title	FW may hang on processing WHT when controller fail over
Problem	FW may hang on processing WHT when controller fail over
Description	
Reference	RB-221185, RB-222596
Resolution/S	Fixed in the SR2.5.2 Released
tatus	
Title	i/o on critical RAID 6 may stuck when there are medium errors on a RAID member
Problem	i/o on critical RAID 6 may stuck when there are medium errors on a RAID member
Description	
Reference	RB-221048, RB-220769
Resolution/S	Fixed in the SR2.5.2 Released
tatus	
Title	Bus error under full loading on FC and iSCSI
Problem	Bus error under full loading on FC and iSCSI
Description	
Reference	RB-222788





Resolution/S	Fixed in the SR2.5.2 Released
tatus	

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

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

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

Title	Memory leak on phpi2
Problem	Memory leak on phpi2
Description	
Reference	RT-2361
Resolution/S	Fixed in the SR2.5.2 Released
tatus	

Title	Memory leak on phpi2
Problem	Memory leak on phpi2
Description	





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

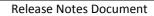
Title	Config script does not save initiators
Problem	Config script does not save initiators
Description	
Reference	RB-221736
Resolution/S	Fixed in the SR2.5.2 Released
tatus	

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

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

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

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





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

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

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

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

> SR 2.5.1

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

Title	MIC RIO function NULL
Problem	MIC RIO function NULL





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Description	
Reference	RB-221207
Resolution/S	Fixed in the SR2.5.1 (FW 1.05.000.21) Released
tatus	
Title	PSU 1 temperature over threshold
Problem	PSU 1 temperature over threshold
Description	
Reference	RB-221288
Resolution/S	Fixed in the SR2.5.1 (FW 1.05.000.21) Released
tatus	
Title	V-port doesn't work while FOFB with LUNAffinity enabled
Problem	V-port doesn't work while FOFB with LUNAffinity enabled
Description	
Reference	RB-219934
Resolution/S	Fixed in the SR2.5.1 Released
tatus	
-	
Title	Hit WDT when shutdown system
Problem	Hit WDT when shutdown system
Description	
Reference	RB-218150
Resolution/S	Fixed in the SR2.5.1 Released
tatus	
Title	Online transport DP/SD, target system can't scan it
Problem	Need to change LUN id when NAS LD transport
Description	
Reference	RB-220027
Resolution/S	Fixed in the SR2.5.1 Released
tatus	
Title	When online LUN clone proceeds and restart system. The associations exist with

remaining times 0





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

Title	Clone issues
Problem	When online LUN clone proceeds and restart system. The associations exist with
Description	remaining times 0
	Fail to stop clone when many clone processes are running
Reference	RB-217691, RB-219239
Resolution/S	Fixed in the SR2.5.1 Released
tatus	

Title	Buzzer issues
Problem	Buzzer alerts after delete degrade array
Description	Buzzer alerts after rebuilding finish
Reference	RB-217885, RB-218481
Resolution/S	Fixed in the SR2.5.1 Released
tatus	

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

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





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

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

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

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

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





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

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

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

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

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



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

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

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

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

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



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

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

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

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

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



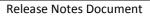
Title	Can not authenticate as AD user using AFP
Problem	Can not authenticate as AD user using AFP
Description	
Reference	RB-220563
Resolution/S	Fixed in the SR2.5.1 Released
tatus	

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

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

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

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





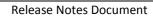
tatus	tatus	
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Title	Avoid high frequency write to USB DOM
Problem	Avoid high frequency write to USB DOM
Description	
Reference	RT-21407
Resolution/S	Fixed in the SR2.5 Released
tatus	

Title	Fix some bugs of GUI and CLI	
Problem	Plug out PSU 1 but WPP's PSU icon still exist	
Description	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/S	Fixed in the SR2.5 Released	
tatus		

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

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





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Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	Don't setup link of mgmt port will cause UPS detects fail
Problem	Don't setup link of mgmt port will cause UPS detects fail
Description	
Reference	RB-217741
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	UPS LED can't work on Vess R2612
Problem	UPS LED can't work on Vess R2612
Description	
Reference	RB-217720
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	Import file fail
Problem	Import file fail
Description	
Reference	RB-218100, RB-218997
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	I2 memory leak
Problem	I2 memory leak
Description	
Reference	RB-208004
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	Email notification does not work
Problem	Authentication fail with MAC OS SMTP
Description	
Reference	RB-217750
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Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	iSCSI initiator authorized failed
Problem	Clear bi-chap flag when do "factorydefaults"
Description	
Reference	RB-219292
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	Abort task events with VMWare and VAAI
Problem	Abort task events with VMWare and VAAI
Description	Improvement XCOPY
Reference	RB-217699, RB-218947
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	Duplicate MAC addresses in iSCSI ports and unable to ping any portals in controller 2
Problem	Duplicate MAC addresses in iSCSI ports and unable to ping any portals in controller 2
Description	
Reference	RB-218673
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	Redundancy check can't complete
Problem	Redundancy check can't complete
Description	
Reference	RB-218841
Resolution/S	Fixed in the SR2.5 Released
tatus	
Title	When reset iSCSI setting without restart system, host login will cause FW restart
Problem	When reset iSCSI setting without restart system, host login will cause FW restart
Description	
Reference	RB-218599





Resolution/S	Fixed in the SR2.5 Released
tatus	

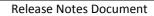
Title	Avoid infinity loop when PD return ASC_DEFECT_LIST_NOT_FOUND
Problem	Avoid infinity loop when PD return ASC_DEFECT_LIST_NOT_FOUND
Description	
Reference	RB-213956
Resolution/S	Fixed in the SR2.5 Released
tatus	

Title	Bugs of battery LED
Problem	Can't locate Battery
Description	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/S	Fixed in the SR2.5 Released
tatus	

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

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

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





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

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

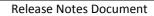
Title	Subsystem lock by other is present
Problem	Change UPS detection setting will display subsystem lock by other is present on CLU
Description	
Reference	RB-216833
Resolution/S	Fixed in the SR2.5 Released
tatus	

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

> SR 2.4.1

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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



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

Title	Slow replication speed
Problem	The replication starts last night but it only finished 1% after 8 hours.
Description	Replication takes long time to complete
Reference	RB-215183, RB-215854
Resolution/S	Fixed in the SR2.3 Released
tatus	

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

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

Title	NFS "allow ip" has been removed
Problem	1. Reset allow ip list when booting if SD type is "backup"
Description	2. Modify NFS allow ip policy to fix it
Reference	RB-216612
Resolution/S	Fixed in the SR2.3 Released
tatus	



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

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

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

Title	Modify and fix some messages or error in GUI
Problem	Modify error messages when using wizard to create RAID
Description	Delete NAS portal diagbox description to display iSCSI portal
	UPS Address can set 1000.1000.1000
Reference	RB-216157, RB-216161, RB-216382
Resolution/S	Fixed in the SR2.3 Released
tatus	

Title	Can't login GUI after update FW
Problem	1. The root cause of this bug is time changed by NAS execute ntpdate if the subsys join
Description	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



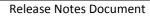


	Release Notes Document
Resolution/S	Fixed in the SR2.3 Released
tatus	
Title	Modify some messages in GUI
Problem	Modify error messages when using wizard to create RAID
Description	Delete NAS portal diagbox description to display iSCSI portal
Reference	RB-216157, RB-216161
Resolution/S	Fixed in the SR2.3 Released
tatus	
Title	Modify error messages when using wizard to create RAID
Problem	Modify error messages when using wizard to create RAID
Description	
Reference	RB-216157
Resolution/S	Fixed in the SR2.3 Released
tatus	
Title	Import a wrong NAS configuration but GUI displays successful without error
Problem	Import a wrong NAS configuration but GUI displays successful without error
Description	
Reference	RB-214884
Resolution/S	Fixed in the SR2.3 Released
tatus	
Title	Modify some information of mount ISO image on GUI
Problem	Mount iso image does not support time machine option
Description	Remove some information from ISO image page
Reference	RB-214884
Resolution/S	Fixed in the SR2.3 Released
tatus	
Title	Replication recovery fail by user does not select server (GUI)
Problem	Replication recovery fail by user does not select server (GUI)
Description	





Resolution/S tatus Title Quota can set over SD capacity size Problem Quota can set over SD capacity size Problem Reference RB-214248 Resolution/S tatus Title Extend SD fail Problem Fail to extend SD when the extend size is not integer. Description Reference RB-214250 Resolution/S Fixed in the SR2.3 Released Title NAS DP-R10 extend failed if select odd number HDDs but GUI does not report error Problem Fail to extend NAS R10 by GUI without error message. Description Reference RB-214260 Resolution/S Fixed in the SR2.3 Released Title NAS DP-R10 extend failed if select odd number HDDs but GUI does not report error Problem Fail to extend NAS R10 by GUI without error message. Title Revise some description of iSCSI port link up/down event Problem Revise some description of iSCSI port link up/down event Description Reference RB-214257 Resolution/S Fixed in the SR2.3 Released Title NAS pool can't expand if made by SSD Problem NAS pool can't expand if made by SSD Problem NAS pool can't expand if made by SSD Problem NAS pool can't expand if made by SSD Problem NAS pool can't expand if made by SSD Problem Reference RB-213968		helease Notes Document
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Problem NAS pool can't expand if made by SSD Description		
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	Problem	NAS pool can't expand if made by SSD
Reference RB-213968	Description	
	Reference	RB-213968





tatus Title W	vhen enable lunmap, plug out and in FC cable, Windows does not show LD (master
Title W	When enable lunmap, plug out and in FC cable, Windows does not show LD (master
	When enable lunmap, plug out and in FC cable, Windows does not show LD (master
	When enable lunmap, plug out and in FC cable, Windows does not show LD (master
cc	
	ontroller)
Problem W	When enable lunmap, plug out and in FC cable, Windows does not show LD (master
Description co	ontroller)
Reference RE	B-216039
Resolution/S Fix	ixed in the SR2.3 Released
tatus	
Title Di	isplay error messages when controller failover
Problem Di	isplay RIO Resource Func NULL when controller failover
Description Di	isplay LReq Failed
Reference RE	B-213804, RB-213803
Resolution/S Fix	ixed in the SR2.3 Released
tatus	
Title W	Vish the perfect rebuild could be enabled after initialize LD
Problem M	Nodify the policy when LD init can select perfect rebuild or not
Description	
Reference RE	B-214000
Resolution/S Fix	ixed in the SR2.3 Released
tatus	
Title Af	fter firmware upgrade to 1.03.0000.10, Iun is not exposed to the Host
Problem Au	uto rebuild iSCSI target name does not match the original iSCSI name
Description	
Reference RE	B-216504
Resolution/S Fix	ixed in the SR2.3 Released
tatus	

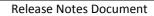
Description

Title

Problem

iSCSI session reinstainment causes system crash

Session reinstainment causes system crash





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

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

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

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

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

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



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

> SR 2.2.1

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

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

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

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

Title	Management port disconnect
Problem	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/S	Fixed in the SR2.2.1 Released
tatus	

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

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

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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



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

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

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

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

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





tatus

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

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

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

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

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



|--|

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

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

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

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

➢ SR 2.1

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





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

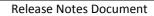
Title	Mark PD dead but does not trigger rebuild with spare drive
Problem	Due to system wants update DDF to dead PD, it cause the auto rebuild does not be
Description	triggered.
Reference	RB-210515, RB-210658
Resolution/S	Fixed in the SR2.1 Released
tatus	

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

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

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

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





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

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

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

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

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

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





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

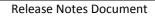
Title	Fail to add Redundancy Check in scheduler
Problem	Fail to add Redundancy Check in scheduler
Description	
Reference	RB-210544
Resolution/S	Fixed in the SR2.1 Released
tatus	

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

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

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

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/S	Fixed in the SR2.1 Released
tatus	

Title	Fix some Axles related issues
Problem	1. Words display not correctly on create share disk page, the words would break in the
Description	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 modify
	4. Always show 2 Axles in LUN Clone setting
Reference	RB-210901, RB-210902, RB-210710, RB-210712
Resolution/S	Fixed in the SR2.1 Released
tatus	

Title	Incorrect LD id in event
Problem	1. create 32 LD
Description	2. add 32 LD to initiator in LUN map
	3. modify LUN id
	4. event will log incorrect LD id
Reference	RB-210840
Resolution/S	Fixed in the SR2.1 Released
tatus	

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

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



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

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

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

> SR 2.02

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

> SR 2.01

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

➤ SR 2.0





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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





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

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

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

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

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



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

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

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

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

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





tatus	

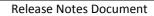
Title	LD Rebuild should be Perfect Rebuild in WebPAMPro-e
Problem	WebPAMPro-e use the term "LD Rebuild", should change to "Perfect Rebuild"
Description	
Reference	RB-204094
Resolution/S	Fixed in the SR2.0 Released
tatus	

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

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

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

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





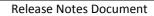
Reference	RB-206724, RB-206729
Resolution/S	Fixed in the SR2.0 Released
tatus	

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

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

Title	FC configuration may change when put controller to different slot.
Problem	Install controller A to slot 1 and system boot
Description	2. Install controller B
	3. change controller A FC setting
	4. Pull-out controller A
	5. shutdown
	6. pull out controller B and install to slot 1
	7. system boot
	Will see FC configuration of slot 2, not slot 1
Reference	RB-207149
Resolution/S	Fixed in the SR2.0 Released
tatus	

Title	Display DA information fail in CLU with Vess R2600 + 6 * Vess J2600
Problem	1. Launch CLU and perform create DA with all 112 physical hard drives
Description	2. Create LD on the DA, after create more than 13 LDs, sometimes it display no DA in CLU
Reference	RB-208846





Resolution/S	Fixed in the SR2.0 Released
tatus	

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

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

Title	nclosure monitor reports temperature value is under 10 Celsius at init stage	
Problem	inclosure monitor reports temperature value is under 10 Celsius at init stage	
Description		
Reference	B-205882	
Resolution/S	Fixed in the SR2.0 Released	
tatus		

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

> SR 1.4

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





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

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

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

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

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

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/S	Fixed in the SR1.4 Released	
tatus		

2.3 Errata and known issues for 1.05.0000.21

ID	Errata	Workaround
1	[RB-202196] Cannot execute command due to	Please enter "ptiflash –a stop" in CLI to bypass
	flash update in progress.	this issue.
	After controller failback, there is a rare chance	
	that CLU shows "Cannot perform operation:	
	Flash update in progress."	
2	[RB-204295] iSCSI MPIO or MCS, insert ctrl1,	Please modify the following registry on
	one LUN is missing.	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 refert 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	(1) Use more hosts, more sessions can
	330MBs for 4 sessions	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	(2) SR 2.2 supports 256 ACL entries
		(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.
		(4) To backup/restore ACL by windows server
		2008
		1. Environment
		● 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:\
		2. Backup first level folders/files ACL
		entries under Share Disk
		C:\>icacls z:* /save aclback.txt
		3. 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	When NDIU is enabled, if user follows the
	Vess R2600 upgrade FW	steps to upgrade FW, user will hit this issue.
		Upgrade FW 1.01.0000.35 -> 1.02.0000.53 ->
		1.03.0000.07.
		To avoid this issue, user needs to upgrade FW
		1.02.0000.43 before upgrade FW 1.02.000.53.
		The steps will be 1.01.0000.35 -> 1.02.0000.43
		-> 1.02.0000.53 -> 1.03.0000.07
		If user hits this issue, user can upgrade FW
		1.03.0000.10 to fix it.
		1.03.0000.10 to fix it.



	Release Notes Document

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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