Vess J2000 Series

Service Release Notes

Release Notes Document

Version: 16.0

Date: 2019/09/11

Revision History

Revision	Date (YY/MM/DD)	Release Label	Release Version	Notes
1.0	2012/9/7	FCS	20.00.0000.44	
2.0	2013/1/31	SR1.0	20.01.0000.07	1st standalone release
3.0	2013/4/26	SR1.1	20.01.0000.09	
4.0	2013/5/22	SR1.2	20.01.0000.11	
5.0	2013/7/11	SR1.3	20.01.0000.12	
6.0	2013/12/10	SR2.0	20.02.0000.11	
7.0	2014/06/30	SR2.2	20.02.0000.14	
8.0	2014/12/31	SR2.3	20.02.0000.33	
9.0	2015/4/8	SR2.4	20.02.0000.41	
10.0	2015/6/30	SR2.5	20.02.0000.42	
~~11.0~~	~~2015/10/6~~	~~SR2.5.1~~	~~20.02.0000.44~~	~~Wrong version~~
11.1	2015/10/15	SR2.5.1	20.02.0000.45	
11.2	2015/10/28	SR2.5.1	20.02.0000.46	Fix more bugs
12.0	2016/1/15	SR2.5.2	20.02.0000.47	Fix bugs
13.0	2016/8/8	SR2.5.4	20.02.0000.52	Fix bugs
14.0	2016/10/21	SR2.5.5	20.02.0000.56	Fix bugs
15.0	2017/11/28	SR2.5.7	20.02.0000.58	Fix bugs
16.0	2019/09/11	SR2.5.8	20.02.0000.59	Fix bugs

Table of Contents

1. Contents for This Release

SR2.5.8 Image Version v20.02.0000.59, is for Vess J2000 series products, and the image can be used with the following models:

1. Vess J2600sD, J2600sS
2. Vess J2610s
3. Vess J2810s

2. Firmware

2.1 Version

2.1.1 Current Version

Vess J2000 Service Release 2.5.8 (SR2.5.8): v20.02.0000.59

2.1.2 Previous Release Version

Vess J2000 Previous Release : v20.02.0000.58 (SR2.5.8).

2.2 Highlights in this release

2.2.1 New Features

➢ **SR 2.4**
- Support Vess J2810s

➢ **SR 2.3**
- Support Vess J2610s

➢ **SR 2.0**
- Support 8052 FAN

2.2.2 FW Related Fixes

➢ **SR 2.5.8**

Title	Enclosure HW monitor abnormal on new Mid-Plane
Problem Description	• Abnormal sensor value
Reference	
Resolution/Status	Fixed in the SR2.5.8

➢ **SR 2.5.7**

Title	FAN LED abnormal

Problem Description	• In some case FAN LED turns RED, but no abnormal event.
Reference	RB- 242812
Resolution/Status	Fixed in the SR2.5.7

Title	Report abnormal temperature & present status
Problem Description	• Report abnormal temperature & present status on PSU/FAN.
Reference	RB- 238367
Resolution/Status	Improve error handle & retry flow, fixed in the SR2.5.7

Title	system reboot automatically when using locate function
Problem Description	• system reboot automatically when using locate in some cases.
Reference	RB- 241367
Resolution/Status	Fixed in the SR2.5.7

➢ **SR 2.5.5**

Title	IOM2 accumulate uptime is not counted when initial value is 0
Problem Description	• IOM2 accumulate uptime is not counted when initial value is 0
Reference	RB-229688
Resolution/Status	Fixed in the SR2.5.5

➢ **SR 2.5.4**

Title	System status LED works abnormal
Problem Description	System status LED can't return to green from orange when io module temperature back to normal
Reference	RB-216817
Resolution/Status	Fixed in the SR2.5.4 Released

Title	System shutdown

Problem Description	• Correct the power button from 3 sec. to 5 sec. for shutdown. • Change power button as interrupt driven to avoid noise
Reference	RB-227083
Resolution/Status	Fixed in the SR2.5.4 Released

Title	Support OEM SN
Problem Description	Support OEM SN
Reference	RT-25189
Resolution/Status	Fixed in the SR2.5.4 Released

➢ **SR2.5.2**

Title	Report wrong PSU voltage of B1 board
Problem Description	Report wrong PSU voltage of B1 board
Reference	
Resolution/Status	Fixed in the SR2.5.2 Released

➢ **SR 2.5.1**

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	Backplane VPD fail
Problem Description	Update VPD checksum when accumulated uptime changed
Reference	RB-220196
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

➢ **SR 2.4**

Title	Illegal heartbeat LED – Blue without blink state
Problem Description	Illegal heartbeat LED – Blue without blink state
Reference	RB-218127
Resolution/Status	Fixed in the SR2.4 Released

➢ **SR 2.3**

Title	Illegal global enclosure LED status
Problem Description	Illegal global enclosure LED status
Reference	RB-215576
Resolution/Status	Fixed in the SR2.3 Released

➢ **SR 2.2**

Title	Buzzer works abnormal
Problem Description	Sometimes buzzer and mute led work abnormal.
Reference	RT-16252
Resolution/Status	Fixed in the SR2.2 Released

Title	System will not provide HDD power when PSU power on sequentially
Problem Description	System will not provide HDD power when PSU power on sequentially
Reference	RT-12523
Resolution/Status	Fixed in the SR2.2 Released

➢ **SR 2.0**

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	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	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

2.3 Errata for 20.02.0000.58

None

3 Notes

1. Support 1 * Vess R2600 + 6 * Vess J2600 after SR1.
2. Support 1 * Vess R2610 + 6 * Vess J2610s after SR 2.3
3. Support 1 * Vess R2810 + 6 * Vess J2810s after SR 2.4