

Vess J2000 Series

Service Release Notes

Release Notes Document

Version: 13.0

Date: 2016/8/8

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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 |

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1. Contents for This Release

SR2.5.4 Image Version v20.02.0000.52, 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 2.5.4 (SR2.5.4): v20.02.0000.52

2.1.2 Previous Release Version

Vess J2000 Previous Release : v20.02.0000.47 (SR2.5.2).

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 2.5.4

| | |
|---------------------|---|
| 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 | <ul style="list-style-type: none">• 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 | System will not provide HDD power when PSU power on sequentially |

| | |
|-------------------|-----------------------------|
| Description | |
| 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 20.02.0000.52

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