CMM Test Report

Date : 2018-11-16
Version : Sprint4

Result Summary

Total case: 5

PASS: 2

FAIL: 3

FAIL Cases Information

1. **Check PSU Info**
2. **Check Node Info**
3. **CMM Cold Reset Stress**

[PSU details information]

Web API	PSU-1	PSU-2	PSU-3	PSU-4
Vendor			None	None
Pin			None	None
Vout			None	None
Pout			None	None
Iout			None	None
Vin			None	None
isPSUOn			None	None
Temp2			None	None
Temp1			None	None
Fan1Speed			None	None
SN			None	None
psuPresent	0	0	None	None
Model			None	None
Iin			None	None
FanDuty			None	None
id	1	2	None	None
Present	N/A	N/A	None	None

[PSU details information]

OEM CMD	PSU-1	PSU-2	PSU-3	PSU-4
Vendor			Great Wall	Great Wall
Pin	0	0	321	302
Vout	0	0	120	120
Pout	0	0	299	279
Iout	0	0	37	35
Vin	0	0	227	226
isPSUOn	OFF	OFF	ON	ON
Temp2	0	0	24	23
Temp1	0	0	37	36
Fan1Speed	0	0	22144	22080
SN			3300019730006406	3300019730006407
psuPresent	0	0	1	1
Model			CRPS1200D	CRPS1200D
Iin	0	0	24	23
FanDuty	0	0	1	1
id	1	2	3	4

[Fan Speed from Duty=30 to 100]

Web API	FAN-1	FAN-2	FAN-3	FAN-4	FAN-5
Duty=30	2754 2325	2911 2259	3501 2589	2946 2182	2863 2379
Duty=40	3845 3372	3857 3402	3901 3437	3913 3428	3862 3358
Duty=50	4855 4279	4870 4277	4897 4347	4877 4309	4871 4258
Duty=60	5856 5104	5874 5115	5912 5155	5932 5158	5886 5088
Duty=70	6835 6009	6881 5990	6871 6080	6893 6012	6872 5966
Duty=80	7877 6868	7899 6869	7924 6958	7947 6964	7902 6878
Duty=90	8843 7598	8904 7616	8900 7722	8939 7643	8872 7586
Duty=100	9939 8602	9980 8582	9959 8700	9990 8657	9985 8591
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Duty=100	9939 8602	9980 8582	9959 8700	9990 8657	9985 8591

Result Details Information

1. Check PSU Info FAIL

```
- Check PSU id -
[OEM] PSU3 id: 3
[API] PSU3 id: None
[OEM] PSU4 id: 4
[API] PSU4 id: None
- Check PSU Present -
[OEM] PSU3 Present: Present, psuPresent: 1
[API] PSU3 Present: None, psuPresent: None
[OEM] PSU4 Present: Present, psuPresent: 1
[API] PSU4 Present: None, psuPresent: None
- Check PSU FanDuty -
[OEM] PSU3 FanDuty: 1
[API] PSU3 FanDuty: None
[OEM] PSU4 FanDuty: 1
[API] PSU4 FanDuty: None
- Check PSU isPSUOn -
[OEM] PSU3 isPSUOn: ON
[API] PSU3 isPSUOn: None
[OEM] PSU4 isPSUOn: ON
[API] PSU4 isPSUOn: None
- Check PSU SN -
[OEM] PSU3 SN: 3300019730006406
[API] PSU3 SN: None
[OEM] PSU4 SN: 3300019730006407
[API] PSU4 SN: None
- Check PSU Model -
[OEM] PSU3 Model: CRPS1200D
[API] PSU3 Model: None
[OEM] PSU4 Model: CRPS1200D
[API] PSU4 Model: None
- Check PSU Vendor -
[OEM] PSU3 Vendor: Great Wall
[API] PSU3 Vendor: None
[OEM] PSU4 Vendor: Great Wall
[API] PSU4 Vendor: None
```

2. **Check Switch Info** **PASS**

- Check Switch id -
- Check Switch Present -
- Check Switch Status -
- Check Switch Vendor -
- Check Switch SwitchType -
- Check Switch Temperature -
- Check Switch Pwr_consump -
- Check Switch IP -
- Check Switch Netmask -
- Check Switch Gateway -
- Set Switch ipv4 via OEM command -
- Set Switch ipv4 via Web API -

3. **Check Fan Info** **PASS**

- Check FAN id -
- Check FAN Present -
- Check FAN FanStatus -
- Check FAN Duty -
- Set FAN duty via OEM command -

4. **Check Node Info** **FAIL**

- Check node Present -
- Check node PwrState -
- Check node UID -
- Check node PwrConsumption -
- Check node LAN -
- Check node FW -

[Node1] OEM BmcVersion: 00 61 00
[Node1] API BmcVersion: 0.61.0
[Node2] OEM BmcVersion: 03 61 b5
[Node2] API BmcVersion: 3.61.181

- Check node FRU -

5. **CMM Cold Reset Stress** **FAIL**

[API] The CMM info is changed !
psu_4 SN
psu_4 Model
psu_3 SN
psu_3 Model