SOP Login Management iRMC Server & Collect iRMC Log

IP iRMC bisa dilihat dari screen monitor pada waktu booting server akan muncuk log Fujitsu Full screen dan di sudut kanan bawah ada informasi IP Address iRMC.

Jika IP iRMC tidak diketahui maka check ip iRMC melaui BIOS atau dengan setting IP iRMC.

Cara Setting IP iRMC

Ada dua cara untuk memberikan ip ke port Lan iRMC.

- **Cara Pertama – Setting DHCP Server,**

1. download software dhcp server :
   http://tftpd32.jounin.net/download/tftpd32.351.zip

2. Setelah tftpd di-download, set IP laptop ke 192.168.1.5, netmask 255.255.255.0

3. Extract file tftpd32.351.zip dan jalankan file tftpd32.exe. pastikan dijalankan as administrator dan firewall windows di disable sementara.

4. Klik tombol Setting, lalu uncheck semua service kecuali DHCP server (lihat gambar)

4. Kemudia pilih tab DHCP. Isi IP pool starting address dengan **192.168.1.1**, Size of pool **= 4,** dan Mask = **255.255.255.0**. Lalu klik OK. (lihat gambar)
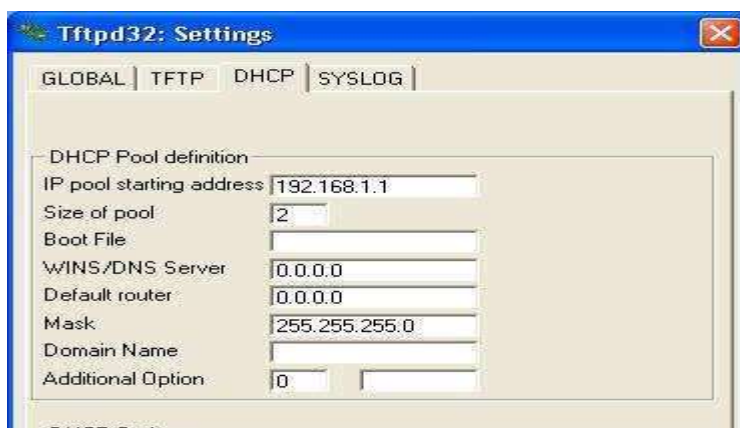
5. Pastikan Server mendapat listrik PLN pada power supply nya. Untuk mengakses iRMC server, dapat dilakukan dalam keadaan server online ataupun offline.
6. Ambil kabel UTP dan hubungkan laptop dengan server. Pada server, kabel UTP ditancapkan di port yang ada lambang kunci atau Management LAN port (kalau dilihat dari belakang, port iRMC ada di atas port USB) seperti gambar di bawah.
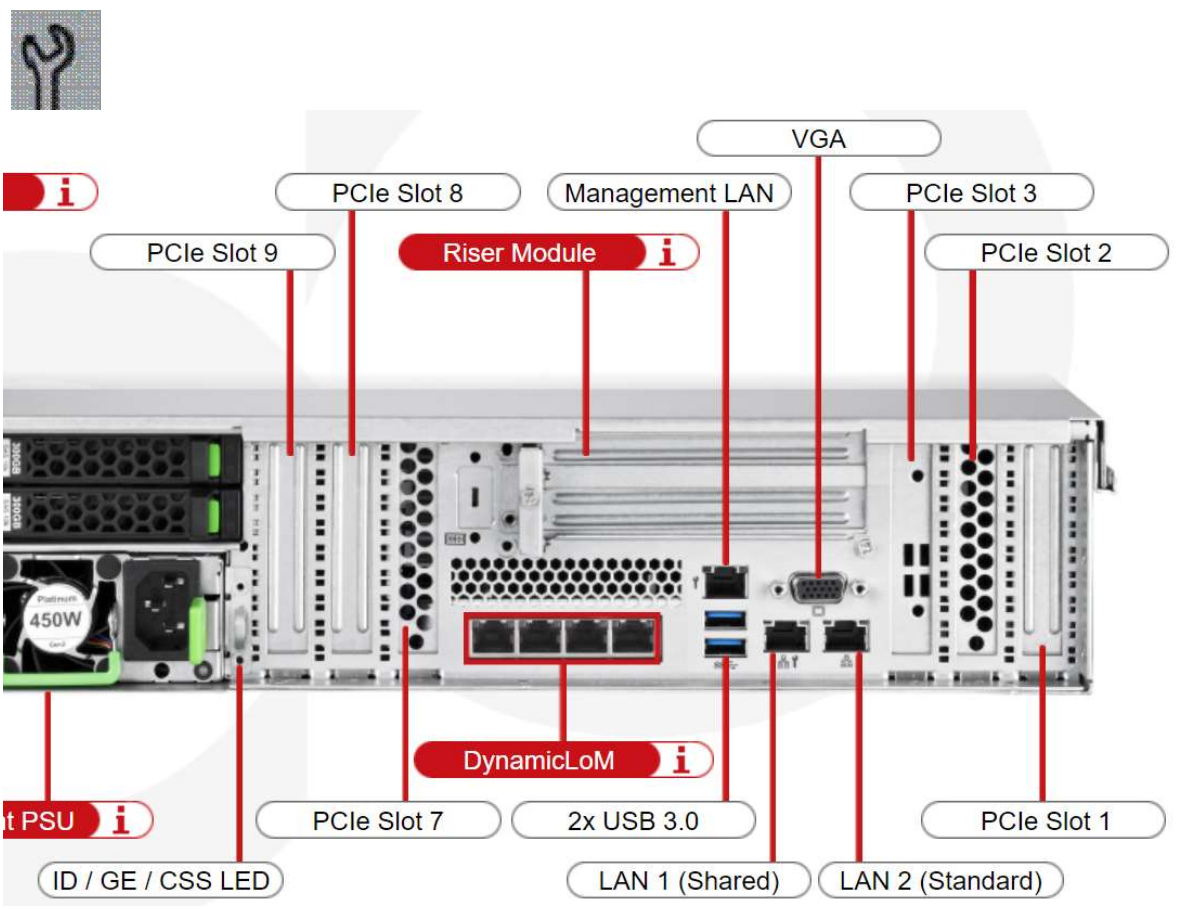

6.
Setelah laptop dan server terhubung, tunggu hingga iRMC mendapat IP (lihat gambar).

7. Setelah server mendapat IP, buka browser dan ketik http://192.168.1.1 (sesuai dengan IP yang didapat oleh server).
8. Jika cara ini tidak bisa, kita bisa menggunakan Jaringan LAN yang memiliki service DHCP.

- **Cara Kedua setting ip address melalui BIOS Jika cara pertama tidak bisa**

1. Masuk kedalam bios dengan cara menekan tombol F2 pada awal Post Message BIOS.
2. Pilih menu Server Mgmt → lalu pilih iRMC LAN Parameter Configuration
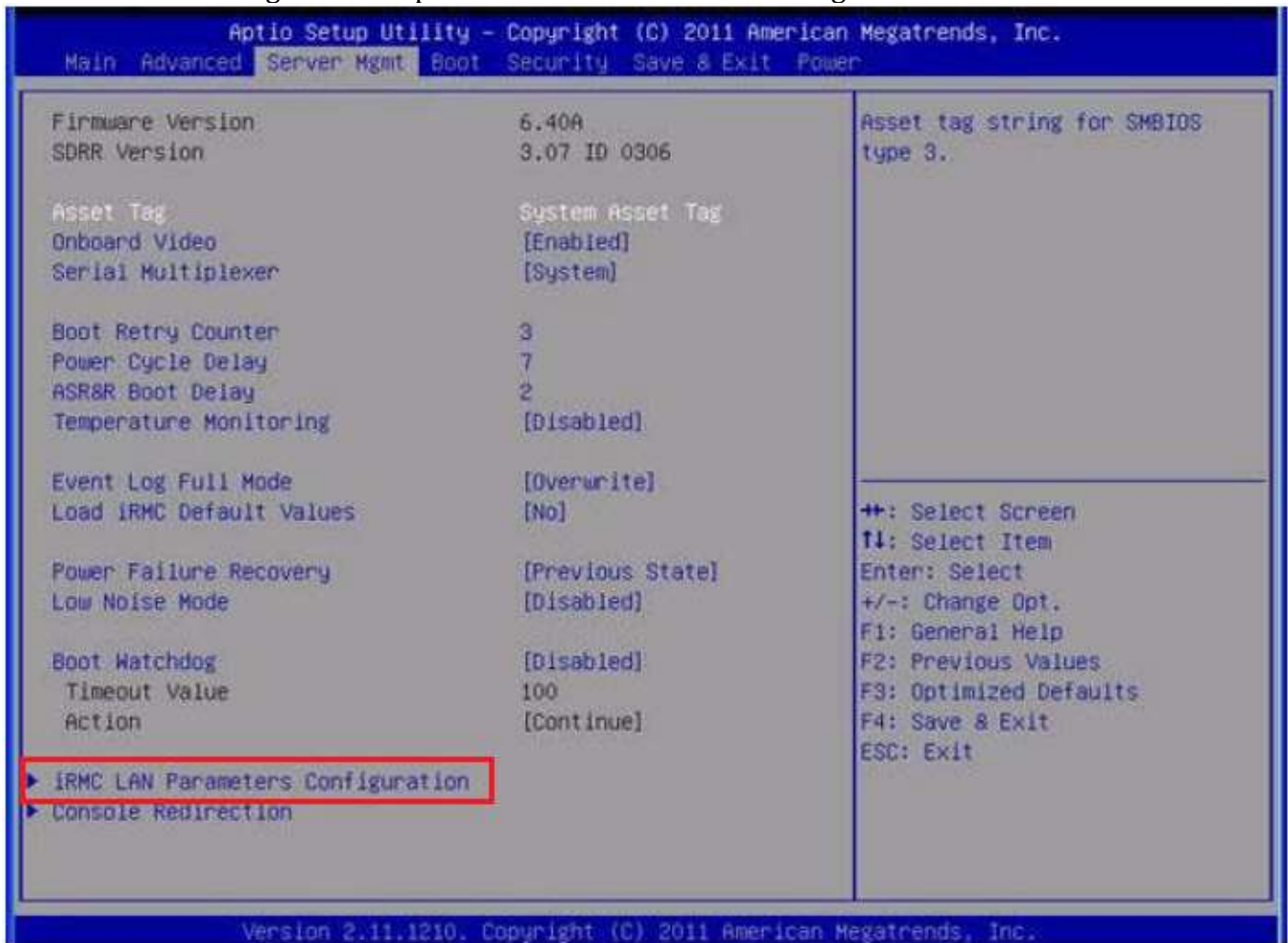
3. Setelah itu Ubah menu IP configuration dari DHCP menjadi Use Static Configuration
4. Masukkan IP address : 192.168.1.1 dan Subnet Mask : 255.255.255.0
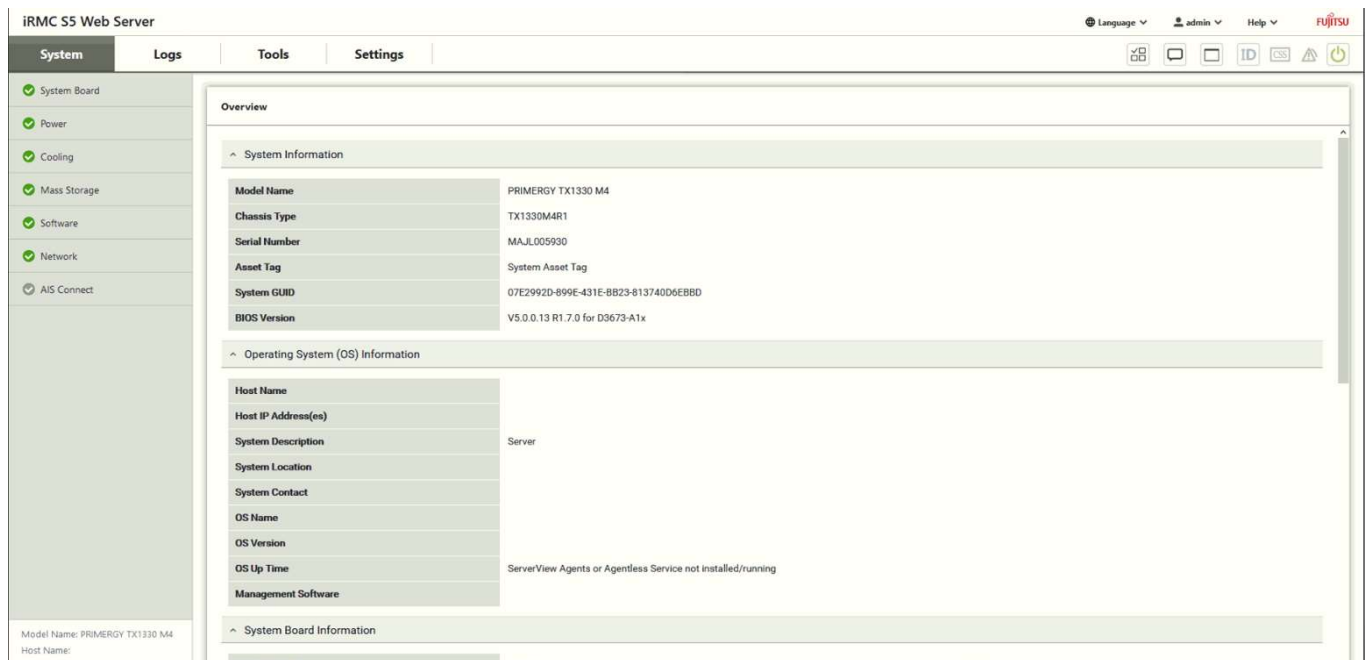
5. Lalu Save & Exit atau tekan tombol F4.
6. Set IP pada laptop atau PC kita 192.168.1.2 subnet mask : 255.255.255.0 dan hubungkan ke Port LAN iRMC.

9. Isi login form dengan:
   Username : admin Password : admin

10. Lalu akan muncul tampilan iRMC seperti gambar di bawah, Print Screen pada menu berikut :
    - System
    - System Board
    - Cooling
    - Mass Storage

Screenshot 1: System Board

System | Logs | Tools | Settings

- ✔ System Board
- ✔ Power
- ✔ Cooling
- ✔ Mass Storage
- ✔ Software
- ✔ Network
- ✔ AIS Connect

✔ **System Board**

✔ CPU

	Status	Socket	CPU Model	Cores (enabled / total)	Threads (enabled / total)	ID LED	CSS
▸	✔ OK	CPU	Intel(R) Xeon(R) E-2134 CPU @ 3.50GHz	4 / 4	8 / 8		—

ⓘ CPU utilization monitoring is not enabled.

✔ Memory Modules

Memory Mode		1LM

	Status	Socket	Type	Config	Size [GB]	Actual/Max Frequency [MHz]	ID LED	NVM	CSS
▸	✔ OK	DIMM-1A	DDR4/UDIMM	Normal	16	2667 / 2666	ID	—	✔
	⊖ Empty Slot	DIMM-2A		Normal			ID	—	✔
▸	✔ OK	DIMM-1B	DDR4/UDIMM	Normal	16	2667 / 2666	ID	—	✔
	⊖ Empty Slot	DIMM-2B		Normal			ID	—	✔

✔ Operating Voltages

✔ PCI Slots

Status	Slot	ID LED	CSS
⊖ Empty or not installed	Slot1	ID	✔
⊖ Empty or not installed	Slot2	ID	✔
✔ Ok	Slot3	ID	✔
⊖ Empty or not installed	Slot4	ID	✔

✔ Power On Self Test (POST)

Model Name: PRIMERGY TX1330 M4
Host Name:

Screenshot 2: Cooling

System | Logs | Tools | Settings

- ✔ System Board
- ✔ Power
- ✔ Cooling
- ✔ Mass Storage
- ✔ Software
- ✔ Network
- ✔ AIS Connect

✔ **Cooling**

✔ Cooling Devices

	Status	Designation	Speed [rpm]	Fail Reaction	Fail Delay [sec]	ID LED	CSS
☐	✔ FAN on, running	FAN1 SYS	1440	Continue ✏	90 ✏	ID	✔
☐	✔ FAN on, running	FAN2 SYS	1500	Continue ✏	90 ✏	ID	✔
☐	✔ FAN on, running	FAN PSU1	1520	Continue ✏	90 ✏		✔
☐	✔ FAN on, running	FAN PSU2	1360	Continue ✏	90 ✏		✔

Fail Reaction and Delay	Continue ▾ after 60 seconds	Apply to Selected Fans

Start Fan Test

✔ Temperature Sensors

	Status	Designation	Temperature [°C]	Warning Level [°C]	Critical Level [°C]	Fail Reaction	CSS
☐	✔ OK	Ambient	20	46	48	Continue ✏	—
☐	✔ OK	Systemboard1	26	90	95	Continue ✏	—
☐	✔ OK	Systemboard2	24	90	95	Continue ✏	—
☐	✔ OK	CPU	25	100	101	Continue ✏	—
☐	✔ OK	MEM A	23	78	82	Continue ✏	—
☐	✔ OK	MEM B	24	78	82	Continue ✏	—
☐	✔ OK	PSU1 Inlet	35	57	61	Continue ✏	—
☐	✔ OK	PSU2 Inlet	36	57	61	Continue ✏	—
☐	✔ OK	PSU1	37	83	87	Continue ✏	—
☐	✔ OK	PSU2	36	83	87	Continue ✏	—
☐	⊖ N/A	FBU				Continue ✏	—
☐	✔ OK	RAID Controller	58	110	114	Continue ✏	—

Model Name: PRIMERGY TX1330 M4
Host Name:
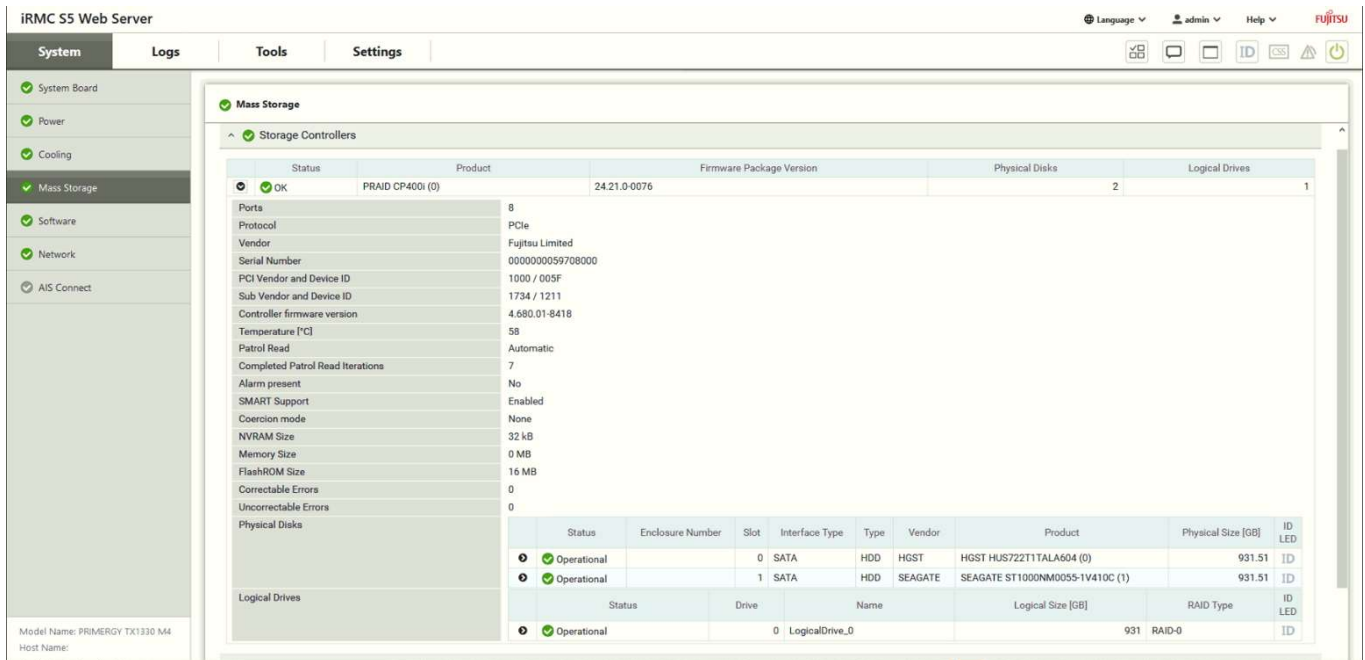
10. Pilih **Menu Logs -> System Event log (SEL)** lalu klik tombol Save Event Log dan simpan log file.
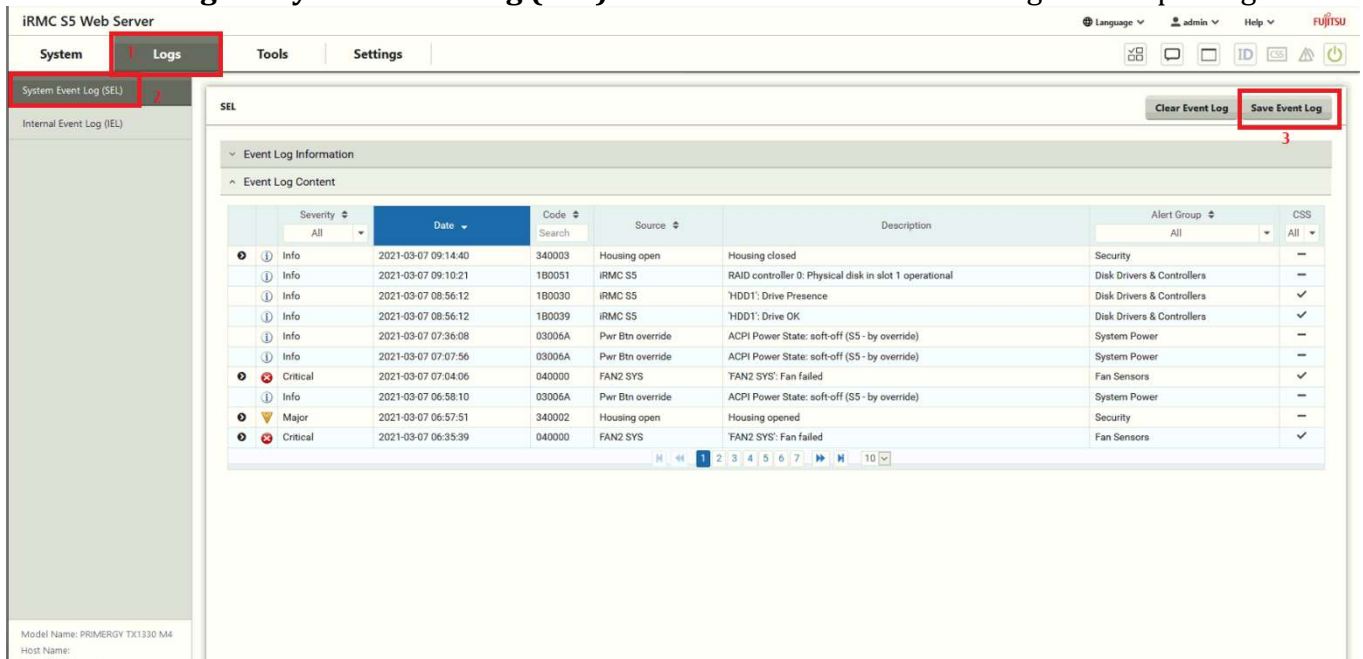
11. Pada bagian Sensors, print screen page setiap menu terutama component status, serta pada menu System Information → system components

12. Kirimkan hasil print screen dan log ke **callcenter.fid@fujitsu.com.**