

SOP Login Management iRMC Server & Collect iRMC Log

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

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

Cara Setting IP iRMC

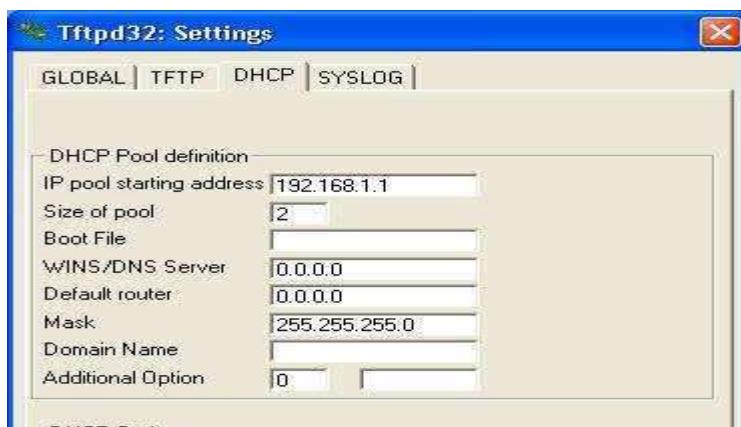
Ada dua cara untuk memberikan ip ke port Lan iRMC.

- Cara Pertama – Setting DHCP Server,

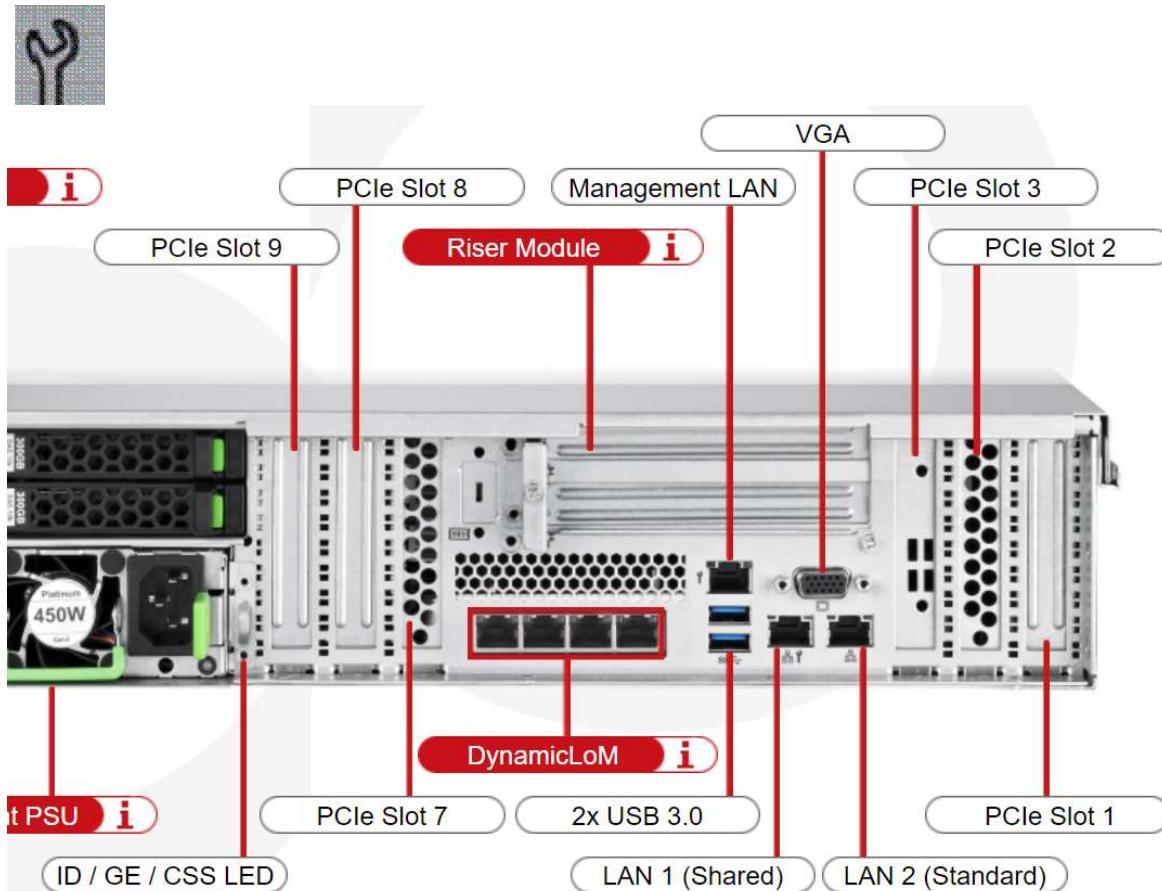
1. download software dhcp server :
<http://tftpd32.jounin.net/download/tftpd32.351.zip>
2. Setelah tftpd di-download, set IP laptop ke 192.168.1.5, netmask 255.255.255.0
3. Extract file tftpd32.351.zip dan jalankan file tftpd32.exe. pastikan dijalankan as administrator dan firewall windows di disable 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)

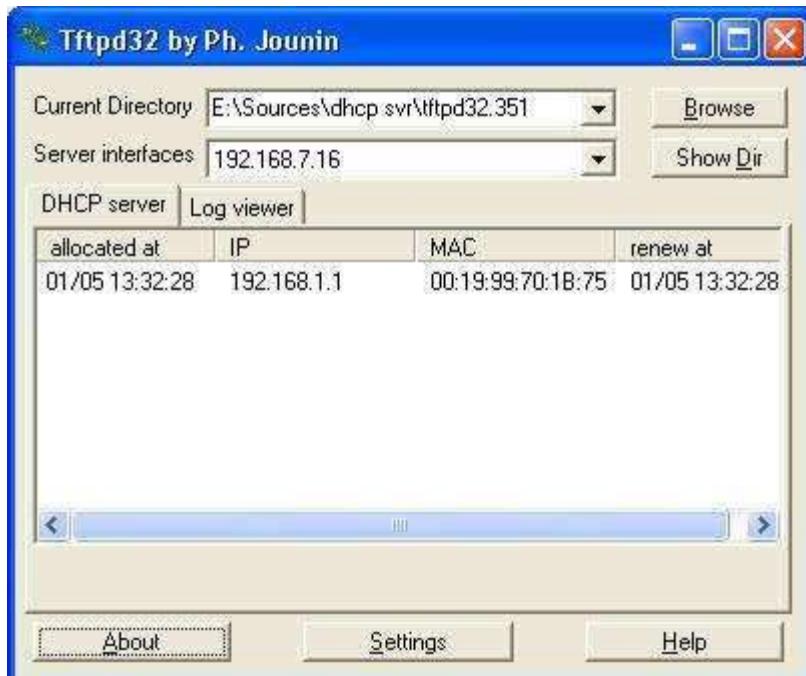


- Pastikan Server mendapat listrik PLN pada power supply nya. Untuk mengakses iRMC server, dapat dilakukan dalam keadaan server online ataupun offline.
- Ambil kabel UTP dan hubungkan laptop dengan server. Pada server, kabel UTP ditancapkan di port yang ada lambang kunci atau Management LAN port (kalau dilihat dari belakang, port iRMC ada di atas port USB) seperti gambar di bawah.



6.

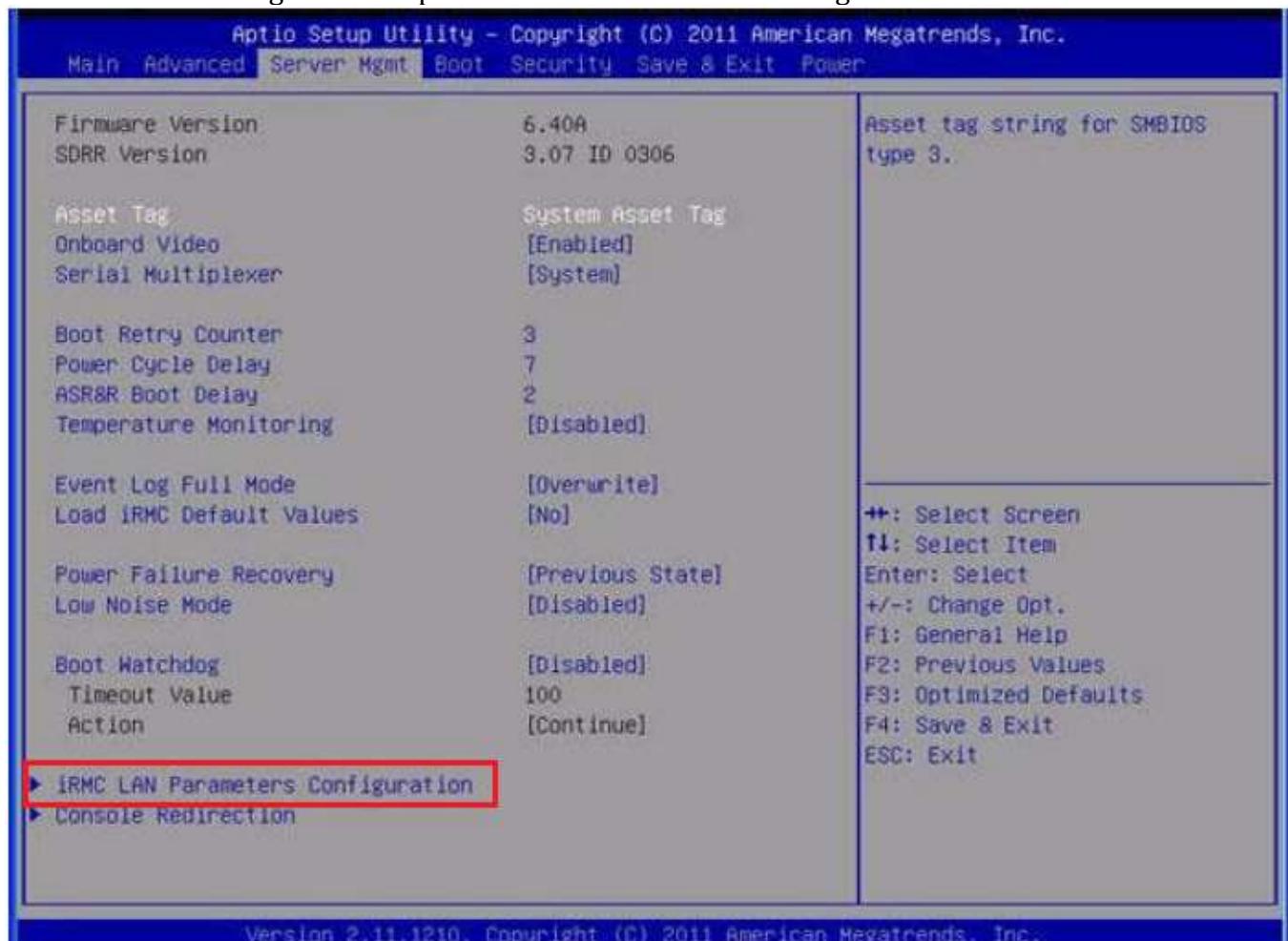
Setelah laptop dan server terhubung, tunggu hingga iRMC mendapat IP (lihat gambar).



- Setelah server mendapat IP, buka browser dan ketik <http://192.168.1.1> (sesuai dengan IP yang didapat oleh server).
- 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**

- Masuk kedalam bios dengan cara menekan tombol F2 pada awal Post Message BIOS.
- Pilih menu Server Mgmt → lalu pilih iRMC LAN Parameter Configuration

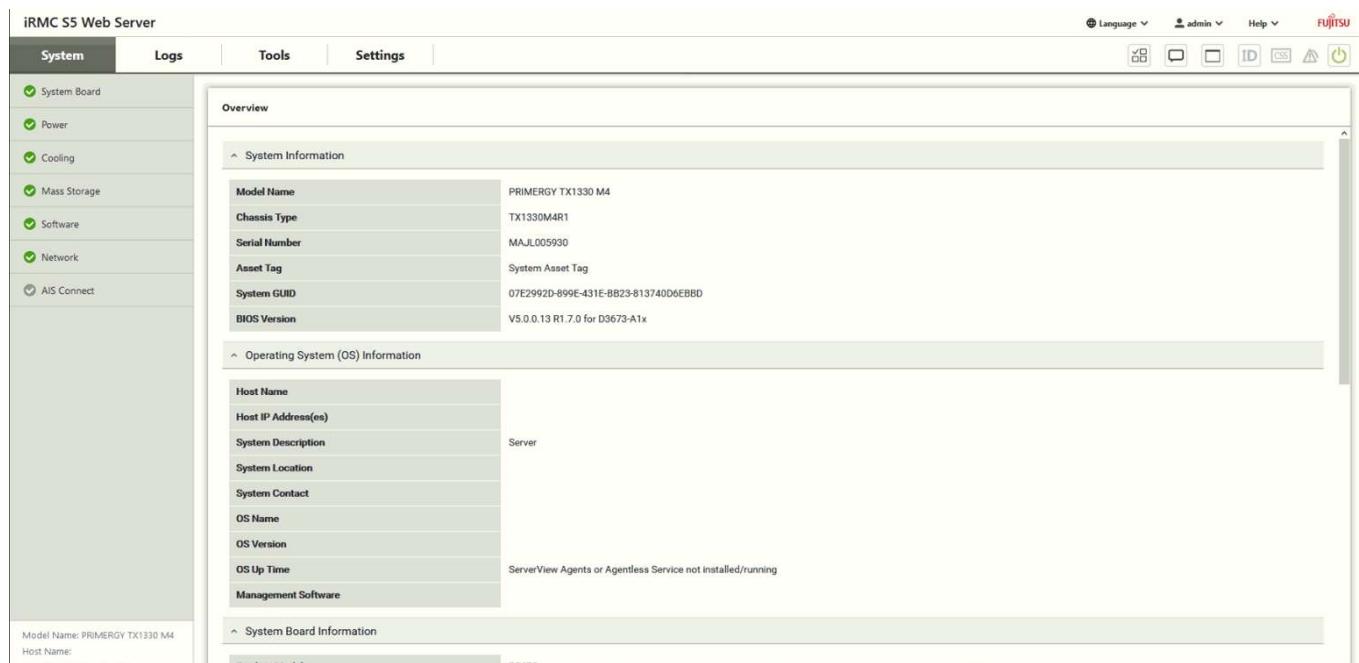


- Setelah itu Ubah menu IP configuration dari DHCP menjadi Use Static Configuration
- Masukkan IP address : 192.168.1.1 dan Subnet Mask : 255.255.255.0

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



The screenshot shows the iRMC S5 Web Server interface. The top navigation bar includes 'Language', 'admin', 'Help', and the Fujitsu logo. The main menu on the left has tabs for 'System' (selected), 'Logs', 'Tools', and 'Settings'. The 'System' tab's sub-menu includes 'System Board', 'Power', 'Cooling', 'Mass Storage', 'Software', 'Network', and 'AIS Connect'. The main content area displays system information under 'Overview'.

Model Name	PRIMERGY TX1330 M4
Chassis Type	TX1330M4R1
Serial Number	MAJL005930
Asset Tag	System Asset Tag
System GUID	07E2992D-899E-431E-BB23-813740D6EBBD
BIOS Version	V5.0.0.13 R1.7.0 for D3673-A1x

Below this, there is an 'Operating System (OS) Information' section:

Host Name	
Host IP Address(es)	
System Description	Server
System Location	
System Contact	
OS Name	
OS Version	
OS Up Time	ServerView Agents or Agentless Service not installed/running
Management Software	

At the bottom of the main content area, there is a 'System Board Information' section which is currently collapsed.

iRMC S5 Web Server

System Logs Tools Settings

System Board Power Cooling Mass Storage Software Network AIS Connect

Model Name: PRIMERGY TX1330 M4 Host Name:

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

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

Operating Voltages

PCI Slots

Status	Slot	ID LED	CSS
Empty or not installed	Slot1	OK	✓
Empty or not installed	Slot2	OK	✓
Ok	Slot3	OK	✓
Empty or not installed	Slot4	OK	✓

Power On Self Test (POST)

iRMC S5 Web Server

System Logs Tools Settings

System Board Power Cooling Mass Storage Software Network AIS Connect

Model Name: PRIMERGY TX1330 M4 Host Name:

Cooling

Cooling Devices

Status	Designation	Speed [rpm]	Fail Reaction	Fail Delay [sec]	ID LED	CSS
OK	FAN1 SYS	1440	Continue ↗	90 ↗	OK	✓
OK	FAN2 SYS	1500	Continue ↗	90 ↗	OK	✓
OK	FAN PSU1	1520	Continue ↗	90 ↗	OK	✓
OK	FAN PSU2	1360	Continue ↗	90 ↗	OK	✓

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 ↗	-

iRMC S5 Web Server

System Logs Tools Settings

Mass Storage

Storage Controllers

Status	Product	Firmware Package Version	Physical Disks	Logical Drives
OK	PRAID CP400(0)	24.21.0-0076	2	1
Ports	8			
Protocol	PCIe			
Vendor	Fujitsu Limited			
Serial Number	0000000059708000			
PCI Vendor and Device ID	1000 / 005F			
Sub Vendor and Device ID	1734 / 1211			
Controller firmware version	4.680.01-8418			
Temperature [°C]	58			
Patrol Read	Automatic			
Completed Patrol Read Iterations	7			
Alarm present	No			
SMART Support	Enabled			
Coercion mode	None			
NVRAM Size	32 kB			
Memory Size	0 MB			
FlashROM Size	16 MB			
Correctable Errors	0			
Uncorrectable Errors	0			
Physical Disks				
Logical Drives				

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.

iRMC S5 Web Server

System Logs Tools Settings

System Event Log (SEL) 1

Internal Event Log (IEL)

SEL

Event Log Information

Event Log Content

Severity	Date	Code	Source	Description	Alert Group	CSS
All	2021-03-07 09:14:40	340003	Housing open	Housing closed	Security	—
Info	2021-03-07 09:10:21	1B0051	IRMC S5	RAID controller 0: Physical disk in slot 1 operational	Disk Drivers & Controllers	—
Info	2021-03-07 08:56:12	1B0030	IRMC S5	HDD1: Drive Presence	Disk Drivers & Controllers	✓
Info	2021-03-07 08:56:12	1B0039	IRMC S5	HDD1: Drive OK	Disk Drivers & Controllers	✓
Info	2021-03-07 07:36:08	03006A	Pwr Btn override	ACPI Power State: soft-off (S5 - by override)	System Power	—
Info	2021-03-07 07:07:56	03006A	Pwr Btn override	ACPI Power State: soft-off (S5 - by override)	System Power	—
Critical	2021-03-07 07:04:06	040000	FAN2 SYS	FAN2 SYS: Fan failed	Fan Sensors	✓
Info	2021-03-07 06:58:10	03006A	Pwr Btn override	ACPI Power State: soft-off (S5 - by override)	System Power	—
Major	2021-03-07 06:57:51	340002	Housing open	Housing opened	Security	—
Critical	2021-03-07 06:55:39	040000	FAN2 SYS	FAN2 SYS: Fan failed	Fan Sensors	✓

Model Name: PRIMERGY TX1330 M4
Host Name:

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.