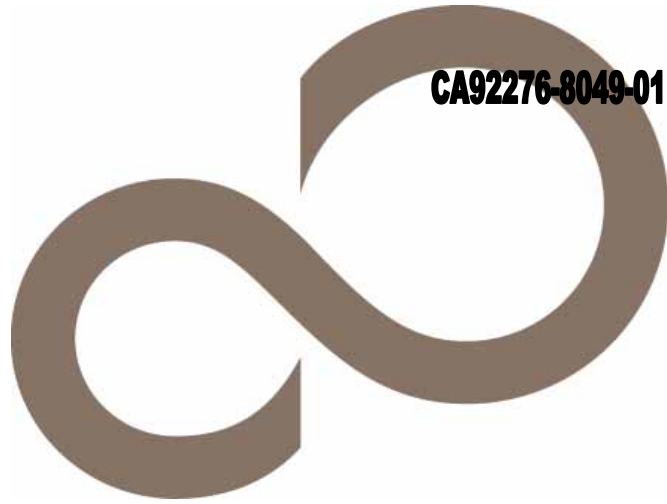


**PRIMERGY**

**RX300 S4**

**CA92276-8049-01**



## **Configuration Sheets**

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**FUJITSU**

## About this manual

- 
- A Configuration Sheets of Hardware**  
Use this form to record the hardware configuration and various settings of your server.
- 
- B Configuration Sheets of BIOS Setup Utility Parameters**  
Use this form to record the settings of the BIOS Setup Utility.
- 
- C Configuration Sheets of Remote Management Controller's Web Interface**  
Use this form to record the settings of the Remote Management Controller Web interface.
- 
- D Design Sheet of the RAID Configuration**  
Use this form to record the definitions of the disk groups (or the physical packs) and the logical drives in the RAID configuration (array configuration).
- 
- E Design Sheet**  
Use this form to record the software settings.
- 
- F Accident Sheet**  
Use this form to record any failures that occur in your server.
-

## Product Names

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The following expressions and abbreviations are used to describe the product names used in this manual.

| Product names   | Expressions and abbreviations                  |              |
|---|--|--------------|
| PRIMERGY RX300 S4   | This server or the server                      |              |
| Microsoft® Windows Server® 2003 R2, Standard Edition        | Windows Server 2003 R2, Standard Edition       | Windows 2003 |
| Microsoft® Windows Server® 2003 R2, Enterprise Edition      | Windows Server 2003 R2, Enterprise Edition     |              |
| Microsoft® Windows Server® 2003 , Enterprise Edition        | Windows Server 2003 , Enterprise Edition       |              |
| Microsoft® Windows Server® 2003, Standard Edition           | Windows Server 2003, Standard Edition          |              |
| Microsoft® Windows Server® 2003 R2, Standard x64 Edition    | Windows Server 2003 R2, Standard x64 Edition   |              |
| Microsoft® Windows Server® 2003 R2 , Enterprise x64 Edition | Windows Server 2003 R2, Enterprise x64 Edition |              |
| Microsoft® Windows Server® 2003, Standard x64 Edition       | Windows Server 2003, Standard x64 Edition      |              |
| Microsoft® Windows Server® 2003 , Enterprise x64 Edition    | Windows Server 2003 , Enterprise x64 Edition   |              |
| Microsoft® Windows Server® 2003 Service Pack                | SP   |              |

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# A Configuration Sheets of Hardware

Use this form to record the hardware configuration and various settings of your server.  
 Put a check mark in parentheses of your server settings.  
 If you use the new supported product of this server which is not mentioned here,  
 please note the information on the empty space.

## 3.5-inch Internal Options

| Installed position | Installation 3.5 inch internal option  |                                 |
|--------------------|--|---------------------------------|
| Bay 1              | <input type="checkbox"/> 73.4 GB <input type="checkbox"/> 146.8 GB <input type="checkbox"/> 300 GB |                                 |
| Bay 2              | <input type="checkbox"/> 73.4 GB <input type="checkbox"/> 146.8 GB <input type="checkbox"/> 300 GB | <input type="checkbox"/> DAT72* |
| Bay 3              | <input type="checkbox"/> 73.4 GB <input type="checkbox"/> 146.8 GB <input type="checkbox"/> 300 GB |                                 |
| Bay 4              | <input type="checkbox"/> 73.4 GB <input type="checkbox"/> 146.8 GB <input type="checkbox"/> 300 GB |                                 |
| Bay 5              | <input type="checkbox"/> 73.4 GB <input type="checkbox"/> 146.8 GB <input type="checkbox"/> 300 GB |                                 |
| Bay 6              | <input type="checkbox"/> 73.4 GB <input type="checkbox"/> 146.8 GB <input type="checkbox"/> 300 GB |                                 |

\*) DAT72 unit uses bay 2 and bay 3.

## RAM modules

| Installation slot | Installation RAM module  |
|-------------------|--|
| Slot 1A/1B        | <input type="checkbox"/> 1 GB<br><input type="checkbox"/> 2 GB<br><input type="checkbox"/> 4 GB<br><input type="checkbox"/> 8 GB |
| Slot 2A/2B        | <input type="checkbox"/> 1 GB<br><input type="checkbox"/> 2 GB<br><input type="checkbox"/> 4 GB<br><input type="checkbox"/> 8 GB |
| Slot 3A/3B        | <input type="checkbox"/> 1 GB<br><input type="checkbox"/> 2 GB<br><input type="checkbox"/> 4 GB<br><input type="checkbox"/> 8 GB |
| Slot 1C/1D        | <input type="checkbox"/> 1 GB<br><input type="checkbox"/> 2 GB<br><input type="checkbox"/> 4 GB<br><input type="checkbox"/> 8 GB |
| Slot 2C/2D        | <input type="checkbox"/> 1 GB<br><input type="checkbox"/> 2 GB<br><input type="checkbox"/> 4 GB<br><input type="checkbox"/> 8 GB |
| Slot 3C/3D        | <input type="checkbox"/> 1 GB<br><input type="checkbox"/> 2 GB<br><input type="checkbox"/> 4 GB<br><input type="checkbox"/> 8 GB |

### CPU

| Installation CPU                           | Installed position |                  |
|--|--------------------|------------------|
| ( ) Xeon Processor E5205/6MB (FSB1066MHz)  | ( ) CPU Socket 1   | ( ) CPU Socket 2 |
| ( ) Xeon Processor X5260/6MB (FSB1333MHz)  | ( ) CPU Socket 1   | ( ) CPU Socket 2 |
| ( ) Xeon Processor E5405/12MB (FSB1333MHz) | ( ) CPU Socket 1   | ( ) CPU Socket 2 |
| ( ) Xeon Processor E5420/12MB (FSB1333MHz) | ( ) CPU Socket 1   | ( ) CPU Socket 2 |
| ( ) Xeon Processor X5460/12MB (FSB1333MHz) | ( ) CPU Socket 1   | ( ) CPU Socket 2 |
|  |                    |                  |
|  |                    |                  |

Same CPU must be installed in CPU Socket 1 and CPU Socket 2.

### POWER UNIT

| Installed position | Power Unit (model name) |
|--------------------|-------------------------|
| Slot 1             | Normal Installation     |
| Slot 2             | ( )                     |

### PCI card

| Expansion card (Product ID)                     | PCI slot location |     |     |     |     |     |     |
|---|-------------------|-----|-----|-----|-----|-----|-----|
|   | 1                 | 2   | 3   | 4   | 5   | 6   | 7   |
| SAS array controller card (Normal Installation) | ( )               | -   | -   | -   | -   | -   | -   |
| SAS array controller card (PG-248CL)            | ( )               | -   | -   | -   | -   | -   | -   |
| Serial port option (PG-COM03)                   | -                 | -   | -   | -   | -   | -   | ( ) |
| Parallel port option (PG-PP05)                  | -                 | -   | -   | -   | -   | ( ) | ( ) |
| SAS array controller card (PG-244CL)            | -                 | ( ) | -   | -   | -   | -   | -   |
| SCSI card (PG-2281L)                            | -                 | ( ) | ( ) | -   | -   | -   | -   |
| Fiber Channel card (PG-FC202)                   | -                 | ( ) | ( ) | -   | ( ) | ( ) | -   |
| LAN card (PG-1882L)                             | -                 | -   | -   | ( ) | -   | -   | -   |
| LAN card (PG-1892L)                             | -                 | -   | -   | ( ) | -   | -   | -   |
| LAN card (PG-1853L)                             | -                 | -   | -   | ( ) | -   | -   | -   |
| LAN card (PG-1863L)                             | -                 | -   | -   | ( ) | -   | -   | -   |
| LAN card (PG-289L)                              | -                 | ( ) | ( ) | -   | ( ) | ( ) | ( ) |
| LAN card (PG-288L)                              | -                 | ( ) | ( ) | -   | ( ) | ( ) | ( ) |
| LAN card (PG-2861L)                             | -                 | ( ) | ( ) | -   | ( ) | ( ) | ( ) |
|   |                   |     |     |     |     |     |     |
|   |                   |     |     |     |     |     |     |

- : Indicates that this item cannot be installed.

# B Configuration Sheets of BIOS Setup Utility Parameters

Use this form to record the settings of the BIOS Setup Utility. If you have not changed the initial value, put a check mark in parentheses of "The initial values have been unchanged".

The initial values in the dotted frame can be changed. If you change any setting, put a check mark in parentheses of the "Setting" column.

Keep the values on the gray zones unchanged.



► Follow the procedure below to start the BIOS Setup Utility.

When the following message appears on the screen during POST, press the [F2] key while the message is displayed. When POST is completed, the Main menu screen appears.

|                                  |
|----------------------------------|
| <F2> BIOS Setup/ <F12> Boot Menu |
|----------------------------------|

If the system starts before starting the BIOS Setup Utility, press the [Ctrl] + [Alt] + [Delete] keys simultaneously and restart the system.

## B. 1 Parameters in the Main Menu

( ) The initial values have been unchanged.

| Item             | Initial value | Setting  |
|------------------|---------------|--|
| System Time:     | HH:MM:SS      | Displays/Sets present time.                        |
| System Date:     | MM/DD/YYYY    | Displays/Sets present date.                        |
| Diskette A:      | None          | ( ) 360K ( ) 1.2M ( ) 720K ( ) 1.4M                |
| > Standard IDE   | DVD-Drive     | Links to the Standard IDE submenu                  |
| > Boot Option    |               | Links to the Boot Option submenu                   |
| Base Memory:     | 640KB         | Displays the available base memory size below 1MB. |
| Extended Memory: | xxxM          | Displays the memory size.                          |

### Standard IDE Submenu

( ) The initial values have been unchanged.

| Item                   | Initial value | Setting                                     |
|------------------------|---------------|---|
| Standard IDE: [CD-ROM] |               |   |
| PIO Mode:              | PIO 4         | Displays the PIO mode supported by devices. |
| DMA Mode:              | UDMA 2        | Displays the DMA mode supported by devices. |
| Firmware:              | x.xx          | Displays the firmware version.              |

### Boot Option Submenu

( ) The initial values have been unchanged.

| Item               | Initial value      | Setting                            |
|--------------------|--------------------|------------------------------------|
| Boot Options       |                    |                                    |
| POST Errors        | Halt On All Errors | ( ) No Halt On Any Errors          |
| Keyboard Check     | Enabled            | ( ) Disabled                       |
| SM Error Halt      | Disabled           | ( ) Enabled                        |
| Fast Boot:         | Disabled           | ( ) Enabled                        |
| Quiet Boot:        | Disabled           | ( ) Enabled                        |
| Num Lock:          | Auto               | ( ) On ( ) Off                     |
| Boot Menu:         | Enabled            | ( ) Disabled                       |
| MultiBoot for HDs: | Enabled            | ( ) Disabled                       |
| > Boot Sequence    |                    | Links to the Boot Sequence Submenu |

### Boot Sequence Submenu

( ) The initial values have been unchanged.

| Item             | Initial value | Setting                        |
|------------------|---------------|--------------------------------|
| Boot Options     |               |                                |
| > Boot Sequence  |               |                                |
| CD-ROM Drive     |               | (Write down the boot sequence) |
| - Diskette       |               | ( ) CD-ROM Drive               |
| Standard         |               | ( ) Diskette                   |
| - Hard Drive     |               | ( ) Hard Drive                 |
|                  |               | ( ) Legacy LAN Card            |
| Alternate Device |               |                                |
| Legacy LAN Card  |               |                                |

## B.2 Parameters in the Advanced menu

( ) The initial values have been unchanged.

| Item   | Initial value | Setting  |
|--|---------------|--|
| Setup Warning  |               |  |
| Setting items on this menu to incorrect values may cause your system to malfunction. |               |  |
| > Peripheral Configuration   |               | Links to the Peripheral Configuration submenu      |
| > PCI Configuration  |               | Links to the PCI Configuration submenu             |
| > Advanced System Configuration  |               | Links to the Advanced System Configuration submenu |
| > Power On/Off   |               | Links to the Power On/Off submenu                  |
| > IPMI   |               | Links to the IPMI submenu                          |
| Reset configuration Data:  | No            | ( ) Yes  |
| Multiprocessor Specification:  | 1.4           | ( ) 1.1  |



## B Configuration Sheets of BIOS Setup Utility Parameters

### Peripheral Configuration Submenu

( ) The initial values have been unchanged.

| Item                            | Initial value | Setting                                      |
|---------------------------------|---------------|--|
| <b>Peripheral Configuration</b> |               |  |
| Serial 1:                       | Auto          | ( )Disabled ( )Enabled ( )OS Controlled      |
| Serial Port1 Address: *1        | 3F8h,IRQ 4    | ( )2F8h,IRQ 3 ( )3E8h,IRQ 4<br>( )2E8h,IRQ 3 |
| Serial Multiplexer:             | System        | ( )iRMC                                      |
| Serial 2:                       | Disabled      | ( )Auto ( )Enabled ( )OS Controlled          |
| Serial 2 Address: *2            | 2F8h,IRQ 3    | ( )3F8h,IRQ 4 ( )3E8h,IRQ 4<br>( )2E8h,IRQ 3 |
| Parallel:                       | Disabled      | ( )Auto ( )Enabled                           |
| Parallel Mode: *3               | Bidirection   | ( )Printer ( )EPP ( )ECP                     |
| Parallel Address: *3            | 378h,IRQ 7    | ( )278h,IRQ 5 ( )3BCh,IRQ 7                  |
| USB Host Controller:            | Enabled       | ( )Disabled                                  |
| USB 2.0 Host Controller:        | Enabled       | ( )Disabled                                  |
| USB BIOS Supported Devices:     | Auto          | ( )None ( )Keyboard/Mouse ( )All             |
| USB Boot Delay:                 | 0s            | ( )3s ( )6s ( )9s                            |
| USB BIOS Hot-Plug:              | Enabled       | ( )Disabled                                  |
| USB Front                       | Enabled       | ( )Disabled                                  |
| USB Rear                        | Enabled       | ( )Disabled                                  |
| > ATA Controller Config         |               | Links to the ATA Controller Config submenu   |
| Diskette Controller:            | Disabled      | ( )Enabled                                   |
| Mouse Controller:               | Auto Detect   | ( )Disabled ( )Enabled                       |
| Onboard Video:                  | Enabled       | ( )Disabled                                  |
| LAN Controller:                 | LAN1 & 2      | ( )Disabled ( )LAN1                          |
| LAN1 Remote Boot:               | Disabled      | ( )PXE ( )iSCSI *4                           |
| LAN2 Remote Boot:               | Disabled      | ( )PXE ( )iSCSI *4                           |

\*1: Appears when "Enabled" is selected for [Serial 1].

\*2: Appears when "Enabled" is selected for [Serial 2].

\*3: Appears when "Enabled" is selected for [Parallel].

\*4: iSCSI is non-support.

### ATA Controller Config Submenu

( ) The initial values have been unchanged.

| Item                         | Initial value | Setting                |
|------------------------------|---------------|------------------------|
| <b>ATA Controller Config</b> |               |                        |
| S-ATA Mode:                  | Compatible    | ( )Native ( )AHCI      |
| P-ATA Map to: *1             | Secondary     | ( )Disabled ( )Primary |
| Primary IDE Channel:         | Enabled       | ( )Disabled            |
| Secondary IDE Channel: *1    | Enabled       | ( )Disabled            |
| Tertiary IDE Channel: *2     | Enabled       | ( )Disabled            |
| Quaternary IDE Channel: *2   | Enabled       | ( )Disabled            |

\*1: Appears when "Compatible" is selected for [S-ATA Mode].

\*2: Appears when other than "Compatible" is selected for [S-ATA Mode].

### PCI Configuration Submenu

( ) The initial values have been unchanged.

| Item                       | Initial value | Setting                                      |
|----------------------------|---------------|--|
| <u>PCI Configuration</u>   |               |  |
| > PCI SLOTS Configuration: |               | Links to the PCI SLOTS Configuration Submenu |
| > PCI IRQ Configuration:   |               | Links to the PCI IRQ Configuration Submenu   |

### PCI SLOTS Configuration Submenu

( ) The initial values have been unchanged.

| Item                                     | Initial value                               | Setting      |
|--|---|--------------|
| <u>PCI SLOTS Configuration</u>           |   |              |
| Slot 1 Configuration<br>Option ROM SCAN: | <input checked="" type="checkbox"/> Enabled | ( ) Disabled |
| Slot 2 Configuration<br>Option ROM SCAN: | <input checked="" type="checkbox"/> Enabled | ( ) Disabled |
| Slot 3 Configuration<br>Option ROM SCAN: | <input type="checkbox"/> Disabled           | ( ) Enabled  |
| Slot 4 Configuration<br>Option ROM SCAN: | <input type="checkbox"/> Disabled           | ( ) Enabled  |
| Slot 5 Configuration<br>Option ROM SCAN: | <input type="checkbox"/> Disabled           | ( ) Enabled  |
| Slot 6 Configuration<br>Option ROM SCAN: | <input type="checkbox"/> Disabled           | ( ) Enabled  |
| Slot 7 Configuration<br>Option ROM SCAN: | <input type="checkbox"/> Disabled           | ( ) Enabled  |

## B Configuration Sheets of BIOS Setup Utility Parameters

### PCI IRQ Configuration Submenu

( ) The initial values have been unchanged.

| Item                         | Initial value | Setting  |
|------------------------------|---------------|--|
| <b>PCI IRQ Configuration</b> |               |  |
| PCI IRQ Line 1 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |
| PCI IRQ Line 2 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |
| PCI IRQ Line 3 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |
| PCI IRQ Line 4 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |
| PCI IRQ Line 5 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |
| PCI IRQ Line 6 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |
| PCI IRQ Line 7 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |
| PCI IRQ Line 8 :             | Auto          | ( ) Disabled ( ) IRQ3 ( ) IRQ4 ( ) IRQ5<br>( ) IRQ6 ( ) IRQ7 ( ) IRQ9 ( ) IRQ10<br>( ) IRQ11 ( ) IRQ12 ( ) IRQ14 ( ) IRQ15 |

### Advanced System Configuration Submenu

( ) The initial values have been unchanged.

| Item                                 | Initial value      | Setting  |
|--------------------------------------|--------------------|--|
| <b>Advanced System Configuration</b> |                    |  |
| BIOS Work Space Location:            | Expansion ROM Area | ( ) Top of Base Memory                                 |
| Memory Redundancy:                   | Disabled           | ( ) Mirroring ( ) Sparing                              |
| CPU Frequency (GHz):                 | Automatic          | display the selectable frequency by mounted processor. |
| Core Multi-Processing                | Enabled            | ( ) Disabled   |
| CPU Mismatch Detection:              | Enabled            | ( ) Disabled   |
| CPU Timeout Counter:                 | Disabled           | ( ) Enabled  |
| Limit CPUID functions:               | Disabled           | ( ) Enabled  |
| CPU Thermal Management               | Enhanced           | ( ) Standard   |
| CPU Halt Mode                        | Enhanced           | ( ) Standard   |
| NX Memory Protection                 | Disabled           | ( ) Enabled  |
| CPU MC Status Clear:                 | Next Boot          | ( ) Enabled ( ) Disabled                               |
| Enhanced SpeedStep: *1               | Disabled           | ( ) Enabled  |
| Virtualization Technology: *2        | Disabled           | ( ) Enabled  |
| Hardware Prefetch:                   | Enabled            | ( ) Disabled   |
| Adjacent Sector Prefetch:            | Enabled            | ( ) Disabled   |
| High Precision Event Timer:          | Disabled           | ( ) Enabled  |
| I/OAT:                               | Disabled           | ( ) Enabled  |

\*1: Not appears when Xeon® Processor E5405 is installed.

\*2: Power off the server once and automatically power on if you finish after change the value and save it.

### Power On/Off Submenu

( ) The initial values have been unchanged.

| Item                    | Initial value   | Setting                      |
|-------------------------|-----------------|------------------------------|
| <b>Power On/Off</b>     |                 |                              |
| Power Off Source        |                 |                              |
| Software:               | Enabled         | ( ) Disabled                 |
| Power Button:           | Enabled         | ( ) Disabled                 |
| Power On Source:        | BIOS Controlled | ( ) ACPI Controlled          |
| Remote:                 | Disabled        | ( ) Enabled                  |
| LAN:                    | Enabled         | ( ) Disabled                 |
| Wake Up Timer:          | Disabled        | ( ) Enabled                  |
| Wake Up Time: *1        | [00:00:00]      |                              |
| Wake Up Mode: *1        | Daily           | ( ) Monthly                  |
| Wake Up Day: *2         | 1               | ( ) [1 ~ 31]                 |
| Power Failure Recovery: | Previous State  | ( ) Always Off ( ) Always On |

\*1: Appears when "Enabled" is selected for [Wake Up Timer].

\*2: Appears when "Monthly" is selected for [Wake Up Mode].

### IPMI Submenu

( ) The initial values have been unchanged.

| Item                    | Initial value | Setting                           |
|-------------------------|---------------|-----------------------------------|
| <b>IPMI</b>             |               |                                   |
| SEL Load                | xx%           | Displays percentage of stored SEL |
| Clear System Event Log: | Disabled      | ( ) Enabled                       |
| Event Log Full Mode:    | Overwrite     | ( ) Maintain                      |
| iRMC Time Sync:         | Enabled       | ( ) Disabled                      |
| > System Event Log      |               | Displays System Event Log         |
| > SDRR Browser          |               | Displays information of sensors   |
| > LAN Settings          |               | Links to the LAN Settings submenu |

### LAN Settings Submenu

( ) The initial values have been unchanged.

| Item                | Initial value     | Setting                         |
|---------------------|-------------------|---------------------------------|
| <b>LAN Settings</b> |                   |                                 |
| DHCP: *1            | Disabled          | ( ) Enabled                     |
| Local IP address *1 | [000.000.000.001] | IP address of iRMC<br>[ . . . ] |
| Subnet mask *1      | [000.000.000.000] | Subnet mask<br>[ . . . ]        |
| Gateway address *1  | [000.000.000.000] | Gateway address<br>[ . . . ]    |
| Service LAN:        | Enabled           | ( ) Disabled                    |
| Service LAN Port:   | Service           | ( ) Shared                      |

\*1: Keep the value in previous set after perform Get Default Values.

### B.3 Parameters in the Security menu

( ) The initial values have been unchanged.

| Item                  | Initial value | Setting   |
|-----------------------|---------------|---|
| Setup Password:       | Not installed | Displays whether or not the Setup Password is set.  |
| System Password:      | Not installed | Displays whether or not the System Password is set. |
| Set Setup Password:   | Press Enter   | Enter the Setup Password.                           |
| Setup Password Lock:  | Standard      | ( )Extended   |
| Set System Password:  | Press Enter   | Enter the System Password *1                        |
| System Password Mode: | System        | ( )Keyboard *2                                      |
| System Load:          | Standard      | ( )Diskette/CDROM Lock                              |
| Setup Prompt:         | Enabled       | ( )Disabled   |
| Virus Warning:        | Disabled      | ( )Enabled ( )Confirm                               |
| Diskette Write:       | Enabled       | ( )Disabled   |
| Flash Write:          | Enabled       | ( )Disabled   |

\*1: Can be set when [Setup Password] is set.

\*2: Can be set when [System Password] is set.

### B.4 Parameters in the Server menu

( ) The initial values have been unchanged.

| Item                    | Initial value | Setting                                  |
|-------------------------|---------------|--|
| O/S Boot Timeout:       | Disabled      | ( )Enabled                               |
| Action:                 | Reset         | ( )Continue ( )Power Cycle               |
| Timeout Value:          | 0             | ( ) [1 ~ 100]                            |
| ASR&R Boot Delay:       | 2             | ( ) [1 ~ 30]                             |
| Power Cycle Delay:      | 7             | ( ) [0 ~ 15]                             |
| Boot Retry Counter:     | 3             | ( ) [0 ~ 7]                              |
| Temperature Monitoring: | Disabled      | ( )Enabled                               |
| Memory Scrubbing:       | Enabled       | ( )Disabled                              |
| > CPU Status            |               | Links to the CPU Status submenu          |
| > Memory Status         |               | Links to the Memory Status submenu       |
| > PCI Status            |               | Links to the PCI Status submenu          |
| > Console Redirection   |               | Links to the Console Redirection submenu |

#### CPU Status Submenu

( ) The initial values have been unchanged.

| Item         | Initial value | Setting                     |
|--------------|---------------|-----------------------------|
| CPU Status   |               |                             |
| CPU 1 Status | Enabled       | ( )Failed *1 ( )Disabled *2 |
| CPU 2 Status | Enabled       | ( )Failed *1 ( )Disabled *2 |

\*1: Appears when CPU error occurs. This can be changed to "Enabled" only.

\*2: Setting value when the CPU is uninstalled.

### Memory Status Submenu

( ) The initial values have been unchanged.

| Item                 | Initial value | Setting                     |
|----------------------|---------------|-----------------------------|
| <b>Memory Status</b> |               |                             |
| Memory Module 1A     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 1B     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 2A     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 2B     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 3A     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 3B     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 1C     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 1D     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 2C     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 2D     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 3C     | Enabled       | ( )Failed *1 ( )Disabled *2 |
| Memory Module 3D     | Enabled       | ( )Failed *1 ( )Disabled *2 |

\*1: Appears when memory error occurs . This can be changed to "Enabled" only.

\*2: Setting value when the memory is uninstalled.

### PCI Status Submenu

( ) The initial values have been unchanged.

| Item              | Initial value | Setting      |
|-------------------|---------------|--------------|
| <b>PCI Status</b> |               |              |
| Slot 1            | OK            | ( )Failed *1 |
| Slot 2            | OK            | ( )Failed *1 |
| Slot 3            | OK            | ( )Failed *1 |
| Slot 4            | OK            | ( )Failed *1 |
| Slot 5            | OK            | ( )Failed *1 |
| Slot 6            | OK            | ( )Failed *1 |
| Slot 7            | OK            | ( )Failed *1 |

\*1: Appears when PCI error occurs . This can be changed to "OK" only.

### Console Redirection Submenu

( ) The initial values have been unchanged.

| Item                       | Initial value | Setting   |
|----------------------------|---------------|---|
| <b>Console Redirection</b> |               |   |
| Console Redirection        | Disabled      | ( )Enabled  |
| Port *1                    | Serial1       | ( )Serial2  |
| Baud Rate *1               | 9600          | ( )1200 ( )2400 ( )4800 ( )19.2K<br>( )38.4K ( )57.6K ( )115.2K |
| Protocol *1                | VT100+        | ( )VT100 ( )VT100,8bit<br>( )PC-ANSI,7bit ( )PC-ANSI            |
| Flow Control *1            | CTS/RTS       | ( )None ( )XON/XOFF   |
| Mode *1                    | Enhanced      | ( )Standard   |

\*1: Appears when "Enabled" is selected for [Console Redirection].

# C Configuration Sheets of Remote Management Controller's Web interface

Use this form to record the settings of the Remote Management Controller Web interface. If you have not change the initial value, put a check mark in parentheses of "The initial values have been unchanged".

The initial values in the dotted frame can be changed.

## C.1 Parameters in the iRMC S2

( ) The initial values have been unchanged.

| Item   | Initial value  | Setting   |
|--|--|---|
| iRMC S2 Information  |  | Displays iRMC information.  |
| Firmware Information   |  |   |
| Firmware Selector  | Auto - FW Image with highest FW version<br><br><b>Unchangeable</b> | ( )Auto - FW Image with highest FW version<br>( )Low FW Image<br>( )High FW Image<br>( )Select FW Image with oldest FW version<br>( )Select most recently programmed FW<br>( )Select least recently programmed FW |
| License Key  |  | License Key (Not displayed input data.)   |
| Upload   | Not Upload   | ( )Not Upload ( )Upload   |
| Certificate Upload   |  |   |
| Certificate Upload   |  |   |
| CA Certificate upload from file  | CA Certificate in standard iRMC                                    | ( )Not Upload ( )Upload<br>Unsupported  |
| SSL Certificate and DSA/RSA private key upload from file                       | Certificate in standard iRMC                                       | ( )Private Key File<br>( )Certificate File  |
| Please paste your DSA certificate or DSA private key into the text area below! | Certificate in standard iRMC                                       | enter the inside box  |
| Generate Certificate   |  |   |
| Common Name (CN)   | DNS setting value  | [ ]   |
| Organization Name (O)  | iRMC S2  | [ ]   |
| Organizational Unit Name (OU)  |  | [ ]   |
| Country Name (C)   |  | [ ]   |
| State or Province Name (ST)  |  | [ ]   |
| Locality Name (L)  |  | [ ]   |
| Email Address  |  | [ ]   |
| Valid for [days]   | 730  | [ ]   |
| Key Length [bits]  | 1024   | ( ) 512 ( ) 1024  |

## C.2 Parameters in the Power Management

( ) The initial values have been unchanged.

| Item                 | Initial value             | Setting  |
|----------------------|---------------------------|--|
| Power On/Off         |                           |  |
| Power Status Summary |                           |  |
| Boot Options         | BIOS setting is reflected | ( )Halt on errors ( )Continue  |
| Boot Device Selector | No change                 | ( )PXE/iSCSI ( )Hard-drive<br>( )CDROM/DVD ( )Froppy   |
| Power Options        |                           |  |
| Power Restore Policy | BIOS setting is reflected | ( )Always Power off<br>( )Always Power on<br>( )Restore to powered state prior to power loss |
| Power On/Off Time    |                           | Sets schedule On/Off time.   |
|                      | None                      | On Time[ ] Off Time[ ] Sunday  |
|                      | None                      | On Time[ ] Off Time[ ] Monday  |
|                      | None                      | On Time[ ] Off Time[ ] Tuesday   |
|                      | None                      | On Time[ ] Off Time[ ] Wednesday   |
|                      | None                      | On Time[ ] Off Time[ ] Thursday  |
|                      | None                      | On Time[ ] Off Time[ ] Friday  |
|                      | None                      | On Time[ ] Off Time[ ] Saturday  |
|                      | None                      | On Time[ ] Off Time[ ] Everyday  |



### C.3 Parameters in the Power Consumption

( ) The initial values have been unchanged.

| Item                                      | Initial value   | Setting  |
|---|---|--|
| Power consumption configuration           |   |  |
| Power Consumption Options                 |   | control the power consumption  |
| Power Control Mode                        | Power Mgmt. Disabled                                  | <input type="checkbox"/> Best Performance <input type="checkbox"/> Minimum Power<br><input type="checkbox"/> Scheduled   |
| Scheduled Power Consumption Configuration |   | Appears when "Scheduled" is selected for [Power Control Mode].   |
| Sunday                                    | Time[HH:MM] no value<br>Mode:<br>Power Mgmt. Disabled | Time1 [ ] Mode1 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power<br>Time2 [ ] Mode2 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power |
| Monday                                    | Time[HH:MM] no value<br>Mode:<br>Power Mgmt. Disabled | Time1 [ ] Mode1 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power<br>Time2 [ ] Mode2 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power |
| Tuesday                                   | Time[HH:MM] no value<br>Mode:<br>Power Mgmt. Disabled | Time1 [ ] Mode1 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power<br>Time2 [ ] Mode2 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power |
| Wednesday                                 | Time[HH:MM] no value<br>Mode:<br>Power Mgmt. Disabled | Time1 [ ] Mode1 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power<br>Time2 [ ] Mode2 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power |
| Thursday                                  | Time[HH:MM] no value<br>Mode:<br>Power Mgmt. Disabled | Time1 [ ] Mode1 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power<br>Time2 [ ] Mode2 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power |
| Friday                                    | Time[HH:MM] no value<br>Mode:<br>Power Mgmt. Disabled | Time1 [ ] Mode1 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power<br>Time2 [ ] Mode2 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power |
| Saturday                                  | Time[HH:MM] no value<br>Mode:<br>Power Mgmt. Disabled | Time1 [ ] Mode1 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power<br>Time2 [ ] Mode2 <input type="checkbox"/> Power Mgmt. Disabled<br><input type="checkbox"/> Best Performance<br><input type="checkbox"/> Minimum Power |
| Power Consumption History                 |   |  |
| Power History Options                     |   |  |
| Power History Units                       | Watt  | <input type="checkbox"/> Watt <input type="checkbox"/> BTU/h   |
| Power History Period                      | 1 hour  | <input type="checkbox"/> 1 hour <input type="checkbox"/> 12 hours <input type="checkbox"/> 1 day<br><input type="checkbox"/> 1 week <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 month<br><input type="checkbox"/> 1 year   |
| Enable Power Monitoring                   | check-mark  | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled   |

## C.4 Parameters in the Fans

( ) The initial values have been unchanged.

| Item           | Initial value | Setting                                    |
|----------------|---------------|--|
| Fan Test       |               | Sets Fan Test time.                        |
| Fan Check Time | 23:00         | [ ] HH:MM                                  |
| Analog Fans    |               | Sets the operation at the Fan malfunction. |
| 0 FAN1 CPU     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 1 FAN2 CPU     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 2 FAN3 CPU     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 3 FAN4 CPU     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 4 FAN5 CPU     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 5 FAN6 CPU     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 6 FAN1 SYS     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 7 FAN2 SYS     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 8 FAN PSU1     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |
| 9 FAN PSU2     | continue      | ( )shutdown-and-power-off Delay[ ]sec      |

## C.5 Parameters in the Temperature

( ) The initial values have been unchanged.

| Item                           | Initial value | Setting  |
|--------------------------------|---------------|--|
| Temperature Sensor Information |               | Sets the operation at the temperature malfunction. |
| 0 Ambient                      | continue      | ( )shutdown-and-power-off                          |
| 1 Systemboard                  | continue      | ( )shutdown-and-power-off                          |
| 2 CPU 1                        | continue      | ( )shutdown-and-power-off                          |
| 3 CPU 2                        | continue      | ( )shutdown-and-power-off                          |
| 4 DIMM-1A                      | continue      | ( )shutdown-and-power-off                          |
| 5 DIMM-1B                      | continue      | ( )shutdown-and-power-off                          |
| 6 DIMM-2A                      | continue      | ( )shutdown-and-power-off                          |
| 7 DIMM-2B                      | continue      | ( )shutdown-and-power-off                          |
| 8 DIMM-3A                      | continue      | ( )shutdown-and-power-off                          |
| 9 DIMM-3B                      | continue      | ( )shutdown-and-power-off                          |
| 10 DIMM-1C                     | continue      | ( )shutdown-and-power-off                          |
| 11 DIMM-1D                     | continue      | ( )shutdown-and-power-off                          |
| 12 DIMM-2C                     | continue      | ( )shutdown-and-power-off                          |
| 13 DIMM-2D                     | continue      | ( )shutdown-and-power-off                          |
| 14 DIMM-3C                     | continue      | ( )shutdown-and-power-off                          |
| 15 DIMM-3D                     | continue      | ( )shutdown-and-power-off                          |

## C.6 Parameters in the System Event Log

( ) The initial values have been unchanged.

| Item                           | Initial value | Setting   |
|--------------------------------|---------------|---|
| System Event Log Content       |               | Displays System Event Log   |
| Display Critical               | Enabled       | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| Display Major                  | Enabled       | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| Display Minor                  | Disabled      | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| Display Info                   | Disabled      | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| CSS only                       | Disabled      | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| System Event Log Configuration |               |   |
| Display Critical               | Enabled       | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| Display Major                  | Enabled       | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| Display Minor                  | Disabled      | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| Display Info                   | Disabled      | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| CSS only                       | Disabled      | <input type="checkbox"/> Enabled <input type="checkbox"/> Disabled  |
| SEL Type                       | Ring SEL      | <input type="checkbox"/> Ring SEL <input type="checkbox"/> IPMI SEL |

## C.7 Parameters in the Server Management Information

( ) The initial values have been unchanged.

| Item                    | Initial value                      | Setting   |
|-------------------------|------------------------------------|---|
| ASR&R Options           |                                    |   |
| ASR & R Boot Delay      | BIOS setting is reflected          | [ ]minutes  |
| Retry counter           | BIOS setting is reflected          | [ ]   |
| BIOS recovery flash bit | Disabled                           | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled                                    |
| Power Cycle Delay       | BIOS setting is reflected          | [ ]seconds  |
| Watchdog Settings       | BIOS setting is reflected for Boot | Sets Watchdog   |
| Software Watchdog:      | Disabled                           | <input type="checkbox"/> Enabled  |
|                         | Continue                           | <input type="checkbox"/> Continue <input type="checkbox"/> Reset <input type="checkbox"/> Power Cycle |
|                         |                                    | timeout delay: [ ]minutes   |
| Boot Watchdog:          | Disabled                           | <input type="checkbox"/> Enabled  |
|                         | Continue                           | <input type="checkbox"/> Continue <input type="checkbox"/> Reset <input type="checkbox"/> Power Cycle |
|                         |                                    | timeout delay: [ ]minutes   |

## C.8 Parameters in the Network Settings

( ) The initial values have been unchanged.

| Item                               | Initial value             | Setting  |
|------------------------------------|---------------------------|--|
| Ethernet                           |                           |  |
| IP configuration                   |                           |  |
| MAC Address                        |                           | Displays MAC address of iRMC.  |
| LAN Speed                          | Auto Negotiation          | ( ) Auto Negotiation<br>( ) 100MBit/s Full Duplex<br>( ) 100MBit/s Half Duplex<br>( ) 10MBit/s Full Duplex<br>( ) 10MBit/s Half Duplex |
| LAN Port                           | Service LAN               | ( ) Service LAN<br>( ) Shaerd LAN  |
| IP Address                         | BIOS setting is reflected | [ . . . ]  |
| Subnet Mask                        | BIOS setting is reflected | [ . . . ]  |
| Gateway                            | BIOS setting is reflected | [ . . . ]  |
| DHCP enable                        | BIOS setting is reflected | ( ) Enabled ( ) Disabled   |
| VLAN configuration                 |                           |  |
| VLAN enable                        | Disabled                  | ( ) Enabled  |
| VLAN Id                            | 0                         | [ ] 1 - 4094   |
| VLAN Priority                      | 0                         | [ ] 0 - 7  |
| Ports and Network Services         |                           |  |
| Web based access                   |                           |  |
| Session timeout                    | 300                       | [ ]  |
| HTTP Port                          | 80                        | [ ]  |
| HTTPS Port                         | 443                       | [ ]  |
| Force HTTPS                        | Disabled                  | ( ) Enabled ( ) Disabled   |
| Enable Auto Refresh                | Enabled                   | ( ) Enabled ( ) Disabled   |
| Refresh every xxx seconds          | 120                       | [ ]  |
| Text based access                  |                           |  |
| Telnet Port                        | 3172                      | [ ]  |
| Telnet Drop Time                   | 600                       | [ ]  |
| SSH Port                           | 22                        | [ ]  |
| Telnet enabled                     | Disabled                  | ( ) Enabled ( ) Disabled   |
| VNC Ports                          |                           |  |
| Standard Port (via HTTP)           | same as HTTP Port         | work with HTTP Port  |
| Secure Port (via HTTPS)            | same as HTTPS Port        | work with HTTPS Port   |
| Remote Storage Ports               |                           |  |
| Standard Port                      | 5901                      | [ ]  |
| DHCP Configuration                 |                           |  |
| Register DHCP Address in DNS       | Enabled                   | ( ) Enabled ( ) Disabled   |
| Use iRMC Name instead of Hostname  | Enabled                   | ( ) Enabled ( ) Disabled   |
| Add Serial Number                  | Enabled                   | ( ) Enabled ( ) Disabled   |
| Add Extension                      | Disabled                  | ( ) Enabled ( ) Disabled   |
| iRMC Name                          | iRMC                      | [ ]  |
| Extension                          | -iRMC                     | [ ]  |
| DNS Settings                       |                           |  |
| DNS enabled                        | Enabled                   | ( ) Enabled ( ) Disabled   |
| Obtain DNS configuration from DHCP | Enabled                   | ( ) Enabled ( ) Disabled   |
| DNS Domain                         | domain.com                | [ ]  |
| DNS Server1                        | 0.0.0.0                   | [ . . . ]  |
| DNS Server2                        | 0.0.0.0                   | [ . . . ]  |
| DNS Server3                        | 0.0.0.0                   | [ . . . ]  |
| DNS Server4                        | 0.0.0.0                   | [ . . . ]  |
| DNS Server5                        | 0.0.0.0                   | [ . . . ]  |

## C.9 Parameters in the SNMP Trap Alerting

( ) The initial values have been unchanged.

| Item                  | Initial value | Setting |
|-----------------------|---------------|---------|
| SNMP Trap Destination |               |         |
| SNMP Community        | public        | [ ]     |
| SNMP Server1          | 0.0.0.0       | [ ]     |
| SNMP Server2          | 0.0.0.0       | [ ]     |
| SNMP Server3          | 0.0.0.0       | [ ]     |
| SNMP Server4          | 0.0.0.0       | [ ]     |
| SNMP Server5          | 0.0.0.0       | [ ]     |
| SNMP Server6          | 0.0.0.0       | [ ]     |
| SNMP Server7          | 0.0.0.0       | [ ]     |

## C.10 Parameters in the Email Alerting

( ) The initial values have been unchanged.

| Item                                | Initial value         | Setting                       |
|-------------------------------------|-----------------------|-------------------------------|
| Global Email Paging Configuration   |                       |                               |
| Email Alerting Enable               | Disabled              | ( )Enabled                    |
| SMTP Retries                        | 3                     | [ ]                           |
| SMTP Retry Delay                    | 240                   | [ ]                           |
| SMTP Response Timeout               | 45                    | [ ]                           |
| Primary SMTP Server Configuration   |                       |                               |
| SMTP Server                         | 0.0.0.0               | [ ]                           |
| SMTP Port                           | 25                    | [ ]                           |
| Auth Type                           | None                  | ( )None ( )SMTP AUSH(RFC2554) |
| Auth UserName *1                    |                       | [ ]                           |
| Auth Password *1                    |                       | *Displays                     |
| Confirm Password *1                 |                       | *Displays                     |
| Secondary SMTP Server Configuration |                       |                               |
| SMTP Server                         | 0.0.0.0               | [ ]                           |
| SMTP Port                           | 25                    | [ ]                           |
| Auth Type                           | None                  | ( )None ( )SMTP AUSH(RFC2554) |
| Auth UserName *1                    |                       | [ ]                           |
| Auth Password *1                    |                       | *Displays                     |
| Confirm Password *1                 |                       | *Displays                     |
| Mail Format dependend Configuration |                       |                               |
| From                                | MailFrom@domain.com   | [ ]                           |
| Subject                             | FixedMailSubject      | [ ]                           |
| Message                             | FixedMailMessage      | [ ]                           |
| Admin. Name                         | ITS_UserInfo0         | [ ]                           |
| Admin. Phone                        | ITS_UserInfo1         | [ ]                           |
| REMCS Id                            |                       | Unchangeable                  |
| Server URL                          | http://www.server.com | [ ]                           |

\*1:Appears when "SMTP AUTH(RFC 2554)" is selected for [Auth Type].

## C.1 1 Parameters in the User Management

---

( ) The initial values have been unchanged.

| Item                  | Initial value | Setting                   |
|-----------------------|---------------|---------------------------|
| iRMC User Information |               |                           |
| ID/Name               | 2 admin       | 2 [                    ]  |
|                       | None          | 3 [                    ]  |
|                       | None          | 4 [                    ]  |
|                       | None          | 5 [                    ]  |
|                       | None          | 6 [                    ]  |
|                       | None          | 7 [                    ]  |
|                       | None          | 8 [                    ]  |
|                       | None          | 9 [                    ]  |
|                       | None          | 10 [                    ] |
|                       | None          | 11 [                    ] |
|                       | None          | 12 [                    ] |
|                       | None          | 13 [                    ] |
|                       | None          | 14 [                    ] |
|                       | None          | 15 [                    ] |
|                       | None          | 16 [                    ] |

The User Name is displayed that is created by [New User]. Clicking "UserName" displays a setting window for each UserName.

The default settings or the settings that are configured when creating a new user are displayed on the setting window. The setting is available up to user number 15th. (Unable to set at user number 1.)

### User "admin(2)" Configuration

( ) The initial values have been unchanged.

| Item                       | Initial value      | Setting   |
|----------------------------|--------------------|---|
| Access Information         |                    |   |
| User Enabled               | Enabled            | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Name                       | admin              | [ ]   |
| Password                   |                    | * Displays  |
| Confirm Password           |                    | * Enter the password again to confirm it.   |
| User Description           | User02 Description | [ ]   |
| User Shell                 | Remote Manager     | <input type="checkbox"/> SMASH CLP<br><input type="checkbox"/> Remote Manager<br><input type="checkbox"/> IPMI Basic Mode<br><input type="checkbox"/> IPMI Terminal Mode<br><input type="checkbox"/> None |
| Privilege / Shell          |                    |   |
| IPMI LAN Privilege         | OEM                | <input type="checkbox"/> User <input type="checkbox"/> Operator <input type="checkbox"/> Administrator<br><input type="checkbox"/> OEM  |
| IPMI Serial Privilege      | OEM                | <input type="checkbox"/> User <input type="checkbox"/> Operator <input type="checkbox"/> Administrator<br><input type="checkbox"/> OEM  |
| Configure User Accounts    | Enabled            | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Configure iRMC settings    | Enabled            | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Video Redirection enabled  | Enabled            | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Remote Storage enabled     | Enabled            | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Email Configuration        |                    |   |
| Email Enabled              | Disabled           | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Mail Format                | Standard           | <input type="checkbox"/> Standard <input type="checkbox"/> Fixed Subject<br><input type="checkbox"/> ITS Format <input type="checkbox"/> Fujitsu REMCS-Format   |
| Preferred Mail Server      | Automatic          | <input type="checkbox"/> Automatic <input type="checkbox"/> Primary <input type="checkbox"/> Secondary  |
| Email Address              | User02@domain.com  | [ ]   |
| Fan Sensors                | WARNING            | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Temperature Sensors        | WARNING            | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Critical Hardware Errors   | ALL                | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| System Hang                | CRITICAL           | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| POST Errors                | ALL                | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Security                   | WARNING            | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| System Status              | NONE               | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Disk Drivers & Controllers | CRITICAL           | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Network Interface          | WARNING            | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Remote Management          | CRITICAL           | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| System Power               | WARNING            | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Memory                     | CRITICAL           | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Others                     | NONE               | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |

This is the UserName setting window for user ID 2.

The user ID 2 (admin) is the UserName/ID as initial value.

**User " ( )" Configuration**

( ) The user is not newly created.

| Item                       | Initial value                  | Setting   |
|----------------------------|--------------------------------|---|
| <b>Access Information</b>  |                                |   |
| User Enabled               | Setting at creating a new user | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Name                       | Setting at creating a new user | [                    ]  |
| Password                   | Setting at creating a new user | * Displays  |
| Confirm Password           | Setting at creating a new user | * Enter the password again to confirm it.   |
| User Description           | Setting at creating a new user | [                    ]  |
| User Shell                 | Setting at creating a new user | <input type="checkbox"/> SMASH CLP<br><input type="checkbox"/> Remote Manager<br><input type="checkbox"/> IPMI Basic Mode<br><input type="checkbox"/> IPMI Terminal Mode<br><input type="checkbox"/> None |
| <b>Privilege / Shell</b>   |                                |   |
| IPMI LAN Privilege         | Setting at creating a new user | <input type="checkbox"/> User <input type="checkbox"/> Operater <input type="checkbox"/> Administorator<br><input type="checkbox"/> OEM   |
| IPMI Serial Privilege      | Setting at creating a new user | <input type="checkbox"/> User <input type="checkbox"/> Operater <input type="checkbox"/> Administorator<br><input type="checkbox"/> OEM   |
| Configure User Accounts    | Setting at creating a new user | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Configure iRMC settings    | Setting at creating a new user | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Video Redirection enabled  | Setting at creating a new user | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Remote Storage enabled     | Setting at creating a new user | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| <b>Email Configuration</b> |                                |   |
| Email Enabled              | Disabled                       | <input type="checkbox"/> Disabled <input type="checkbox"/> Enabled  |
| Mail Format                | Standard                       | <input type="checkbox"/> Standard <input type="checkbox"/> Fixed Subject<br><input type="checkbox"/> ITS Format <input type="checkbox"/> Fujitsu REMCS-Format   |
| Preferred Mail Server      | Automatic                      | <input type="checkbox"/> Automatic <input type="checkbox"/> Primary <input type="checkbox"/> Secondary  |
| Email Address              |                                | [                    ]  |
| Fan Sensors                | WARNING                        | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Temperature Sensors        | WARNING                        | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Critical Hardware Errors   | ALL                            | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| System Hang                | CRITICAL                       | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| POST Errors                | ALL                            | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Security                   | WARNING                        | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| System Status              | NONE                           | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Disk Drivers & Controllers | CRITICAL                       | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Network Interface          | WARNING                        | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Remote Management          | CRITICAL                       | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| System Power               | WARNING                        | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Memory                     | CRITICAL                       | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |
| Others                     | NONE                           | <input type="checkbox"/> NONE <input type="checkbox"/> CRITICAL <input type="checkbox"/> WARNING <input type="checkbox"/> ALL   |

This is the UserName setting window for user ID 3 to 16.

The user ID 3 to 16 have same settings as initial value. Copy this sheet when two or more users are created.



## C.1.2 Parameters in the LDAP Configuration

( ) The initial values have been unchanged.

| Item                                   | Initial value    | Setting                                  |
|--|------------------|--|
| Directory Service Configuration        |                  |  |
| Global Directory Service Configuration |                  |  |
| LDAP Enable                            | Disabled         | ( )Disabled ( )Enabled                   |
| LDAP SSL Enable                        | Disabled         | ( )Disabled ( )Enabled                   |
| Disable Local Login <sup>1</sup>       | Disabled         | ( )Disabled ( )Enabled                   |
| Always use SSL Login <sup>2</sup>      | Disabled         | ( )Disabled ( )Enabled                   |
| Directory Server Type                  | Active Directory | ( )ActiveDirectory ( )Novel ( )OpenLDAP  |
| LDAP Server 1                          | 0.0.0.0          | [ ]                                      |
| LDAP Server 2                          | 0.0.0.0          | [ ]                                      |
| Domain name                            | domain.com       | [ ]                                      |
| Base DN                                |                  | *Only displayed                          |
| Dept. name                             | department       | [ ]                                      |
| Directory Service Access Configuration |                  |  |
| LDAP Auth UserName                     | LDAPuserName     | [ ]                                      |
| LDAP Auth Password                     | *****            | [ ]displays as "*".                      |
| Confirm Password                       |                  | *Enter the password again to confirm it. |

\*1: [Cautions] Under the setting of valid LDAP and unusable directory server, it is impossible to log-in to the Web interface if this setting is valid. Novel eDirectory and OpenLDAP are not supported.

## C.1.3 Parameters in the BIOS Text Console

( ) The initial values have been unchanged.

| Item                        | Initial value             | Setting  |
|-----------------------------|---------------------------|--|
| BIOS Console Redirection    |                           |  |
| Options                     |                           |  |
| Console Redirection Enabled | BIOS setting is reflected | ( )Disabled ( )Enabled   |
| Console Redirection Mode    |                           | ( )Standard ( )Enhanced  |
| Console Redirection Port    |                           | ( )COM1 ( )COM2  |
| Serial Port Baudrate        |                           | ( )1200 ( )2400 ( )4800 ( )9600<br>( )19200 ( )38400 ( )57600 ( )115200                |
| Serial Port Flow Control    |                           | ( )None ( )XON/XOFF ( )CTS/RTS   |
| Terminal Emulation          |                           | ( )VT100 7Bit ( )VT100 8Bit<br>( )PC-ANSI 7Bit ( )PC-ANSI 8Bit<br>( )VT100+ ( )VT-UTF8 |
| Serial 1 Multiplexer        |                           | ( )System ( )iRMC  |

## C.1.4 Parameters in the Advanced Video Redirection

( ) The initial values have been unchanged.

| Item   | Initial value | Setting                             |
|--|---------------|-------------------------------------|
| Local Monitor                                  |               |                                     |
| Enable Local Monitor Off                       | Disabled      | ( )Enabled ( )Disabled              |
| Automatic Local Monitor Off when AVR is active | Disabled      | ( )Enabled ( )Disabled              |
| Local Monitor Switch button                    | Always On     | ( )Always On ( )Turn Off ( )Turn On |

The Local Monitor Switch button cannot be changed from Always On, if Enable Local Monitor Off is disabled; it can be changed between Turn Off and Turn On, if Enable Local Monitor Off is enabled.

## D Design Sheet of the RAID Configuration

Use this form to record the definitions of the disk groups and the logical drives in the RAID configuration (array configuration).

### D.1 For RAID 5/6 SAS based on LSI MegaRAID

#### Content of Definition of the Disk Group

Installation PCI Slot: ( )

| Installation HDD Slot / Bay | HDD model name | HDD capacity | Disk group / Spare disk *   |
|-----------------------------|----------------|--------------|---|
| (e.g.) Bay1                 | PG-HDB75A      | 73.4GB       | <input checked="" type="checkbox"/> Disk group [0]<br><input type="checkbox"/> Spare disk |
| (e.g.) Bay2                 | PG-HDB75A      | 73.4GB       | <input checked="" type="checkbox"/> Disk group [0]<br><input type="checkbox"/> Spare disk |
| Bay1                        |                |              | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay2                        |                |              | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay3                        |                |              | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay4                        |                |              | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay5                        |                |              | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay6                        |                |              | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |

\*:When the hard disk is included in the disk group, put a checkmark to "Disk group" and fill in the disk group number in [ ]. The disk group number is allocated in order defining it like 0, 1, 2, .... When the hard disk is set as a spare disk, put a checkmark to "Spare disk".

### Content of Definition of the Logical Drive

Installation PCI Slot: (                    )

| Logical drive number<br>(LD No.)*1 | Disk group number<br>(DG No.)*2 | RAID level *3   | Logical drive<br>capacity | Write policy   |
|------------------------------------|---------------------------------|---|---------------------------|--|
| (e.g.) LD : 0                      | DG : 0                          | <input type="checkbox"/> RAID 0<br><input checked="" type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10 | 34464 MB                  | <input checked="" type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU |
| (e.g.) LD : 1                      | DG : 0                          | <input type="checkbox"/> RAID 0<br><input checked="" type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10 | 34464 MB                  | <input checked="" type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 6<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |

\*1: Fill in the logical drive number. The logical drive number is allocated in order defining it like 0, 1, 2,....

\*2: Fill in the disk group number defined in " Disk group definitions".

\*3: Transcribe RAID 0+1 into RAID 10 in this book.

## D.2 For MegaRAID SAS 8344ELP

### Content of Definition of the Disk Group

Installation PCI Slot: (                    )

| Installation<br>HDD Slot / Bay | HDD model<br>name | HDD<br>capacity | Disk group / Spare disk *   |
|--------------------------------|-------------------|-----------------|---|
| (e.g.) Bay 1                   | PG-HDB75A         | 73.4GB          | <input checked="" type="checkbox"/> Disk group [0]<br><input type="checkbox"/> Spare disk |
| (e.g.) Bay 2                   | PG-HDB75A         | 73.4GB          | <input checked="" type="checkbox"/> Disk group [0]<br><input type="checkbox"/> Spare disk |
| Bay 1                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 2                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 3                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 4                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 5                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 6                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 7                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 8                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 9                          |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 10                         |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |
| Bay 11                         |                   |                 | <input type="checkbox"/> Disk group [ ]<br><input type="checkbox"/> Spare disk            |

\*: When the hard disk is included in the disk group, put a checkmark to "Disk group" and fill in the disk group number in [ ]. The disk group number is allocated in order defining it like 0, 1, 2, .... When the hard disk is set as a spare disk, put a checkmark to "Spare disk".

### Content of Definition of the Logical Drive

Installation PCI Slot: ( )

| Logical drive number<br>(LD No.)*1 | Disk group number<br>(DG No.)*2 | RAID level *3  | Logical drive<br>capacity | Write policy   |
|------------------------------------|---------------------------------|--|---------------------------|--|
| (e.g.) LD : 0                      | DG : 0                          | <input type="checkbox"/> RAID 0<br><input checked="" type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10 | 34464 MB                  | <input checked="" type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU |
| (e.g.) LD : 1                      | DG : 0                          | <input type="checkbox"/> RAID 0<br><input checked="" type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10 | 34464 MB                  | <input checked="" type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |
| LD :                               | DG :                            | <input type="checkbox"/> RAID 0<br><input type="checkbox"/> RAID 1<br><input type="checkbox"/> RAID 5<br><input type="checkbox"/> RAID 10            |                           | <input type="checkbox"/> Write Through<br><input type="checkbox"/> Write Back<br><input type="checkbox"/> Bad BBU            |

\*1: Fill in the logical drive number. The logical drive number is allocated in order defining it like 0, 1, 2,....

\*2: Fill in the disk group number defined in " Disk group definitions".

\*3: Transcribe RAID 0+1 into RAID 10 in this book.

## E Design Sheet

When setting up the server using ServerStart, select the setting values and put a check mark in parentheses below in advance to ensure setup is performed smoothly.

### E.1 RAID/Disk Wizard

| Parameters  |   | Setting  |
|---|---|--|
|   |   | <input type="checkbox"/> Logical Drive View<br>(The system will be used as it is, with the current RAID configuration)<br><input type="checkbox"/> Mass Storage Controller View<br>(The RAID configuration can be specified) |
| Controller  |   | <input type="checkbox"/> RAID <input type="checkbox"/> SCSI<br><input type="checkbox"/> Fibrechannel <input type="checkbox"/> IDE  |
| When you select "RAID" with controller's type       |   |  |
| Configure RAID                                      |   | <input type="checkbox"/> Automatically <input type="checkbox"/> Manually   |
| Existing RAID Array                                 |   | <input type="checkbox"/> Delete Existing RAID Array  |
| Controller Vendor                                   |   |  |
| Controller Number                                   |   |  |
| Configure RAID:<br>Manually                         | RAID Level  |  |
|   | Number of Disks                                       |  |
| Disk    Make copies when installing multiple disks. |   |  |
|   | Partition    Make copies when more sheets are needed. |  |
|   | Volume label  |  |
|   | File system   | <input type="checkbox"/> NTFS <input type="checkbox"/> FAT   |
|   | Partition size  | <input type="checkbox"/> Auto setting <input type="checkbox"/> MB  |
|   | Quick format  | <input type="checkbox"/> Execute <input type="checkbox"/> Do not execute   |
|   | Partition Usage                                       | <input type="checkbox"/> Boot <input type="checkbox"/> OS <input type="checkbox"/> Data  |

## E . 2 OS Wizard (Windows 2003 Install Wizard)

| Parameters   | Setting   |
|--|---|
| <b>Install Windows 2003</b>  |   |
| Password for Administrator account                                     |   |
| <b>Computer Identification</b>   |   |
| Operating System Type  | <b>When selecting Windows Server 2003/R2 to install</b><br><input type="checkbox"/> Windows Server 2003, Standard Edition<br><input type="checkbox"/> Windows Server 2003, Enterprise Edition<br><input type="checkbox"/> Windows Server 2003 R2, Standard Edition<br><input type="checkbox"/> Windows Server 2003 R2, Enterprise Edition<br><br><b>Windows Server 2003 x64/R2 to install</b><br><input type="checkbox"/> Windows Server 2003, Standard x64 Edition<br><input type="checkbox"/> Windows Server 2003, Enterprise x64 Edition<br><input type="checkbox"/> Windows Server 2003 R2, Standard x64 Edition<br><input type="checkbox"/> Windows Server 2003 R2, Enterprise x64 Edition       |
| License Mode   | <input type="checkbox"/> no service pack<br><input type="checkbox"/> ServicePack1 applied<br><input type="checkbox"/> ServicePack2 applied  |
| User permitted   | (Only when concurrent users are selected)   |
| will participate in  | <input type="checkbox"/> a work group <input type="checkbox"/> a domain   |
| Workgroup or Domain Name   | (Default - MYUSERGROUP)   |
| User account to create computer account (only when Domain is selected) |   |
| User account   |   |
| Password   |   |
| Installation method  | <input type="checkbox"/> Operating system source media in Available in local CD-ROM drive<br><input type="checkbox"/> Operating system source media in Available on a remote share  |
| when installing OS from remote share                                   |   |
| Remote Source Path   |   |
| Remote Username  |   |
| Remote Password  |   |
| To install Windows Server 2003 R2 Components                           | <input type="checkbox"/> Install Windows Server 2003 R2 Components  |
| Installation method  | <input type="checkbox"/> R2 Components source media is available in local CD-ROM drive<br><input type="checkbox"/> R2 Components source media is available on a remote share  |
| When you install it from a remote share                                |   |
| Remote Source  |   |
| Remote Username  |   |
| Reote Password   |   |
| <b>Installation Directory and Time zone</b>                            |   |
| Time Zone  | (Default -(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna)   |
| Installation Drive   | <input type="checkbox"/> Use default <input type="checkbox"/> Drive Letter  |
| When selecting drive name  | <input type="checkbox"/> C: <input type="checkbox"/> D: <input type="checkbox"/> E: <input type="checkbox"/> F: <input type="checkbox"/> G: <input type="checkbox"/> H: <input type="checkbox"/> I: <input type="checkbox"/> J:<br><input type="checkbox"/> K: <input type="checkbox"/> L: <input type="checkbox"/> M: <input type="checkbox"/> N: <input type="checkbox"/> O: <input type="checkbox"/> P: <input type="checkbox"/> Q: <input type="checkbox"/> R:<br><input type="checkbox"/> S: <input type="checkbox"/> T: <input type="checkbox"/> U: <input type="checkbox"/> V: <input type="checkbox"/> W: <input type="checkbox"/> X: <input type="checkbox"/> Y: <input type="checkbox"/> Z: |
| Installation Directory   | <input type="checkbox"/> Use default <input type="checkbox"/> Specify in advance  |
| Installation destination   | (Default - \winnt)  |

(continued)

| Parameters  | Setting  |   |  |
|---|--|---|--|
| <b>User Name</b>                                  |  |   |  |
| User Name   |  |   |  |
| Organization                                      |  |   |  |
| Computer Name                                     |  |   |  |
| Product-ID  | ( ) - - - -  |   |  |
| <b>Display settings</b>                           |  |   |  |
| Resolution  | ( ) 640 * 480 ( ) 800 * 600 ( ) 1024 * 768<br>( ) 1156 * 864 ( ) 1280 * 1024 ( ) 1600 * 1200         |   |  |
| Vrefresh  | ( ) 60 ( ) 70 ( ) 72 ( ) 75 ( ) 80 ( ) 85 ( ) 100  |   |  |
| BitsPerPel  | ( ) 16 colors ( ) 256 colors ( ) High Color(16bits)<br>( ) True Color(24bits) ( ) True Color(32bits) |   |  |
| <b>Network protocol</b>                           |  |   |  |
| Installation method                               | ( ) Install Unattended<br>( ) Install Manually   |   |  |
| Network protocol property (for auto-installation) |  |   |  |
| Adapter 1   | Connection name  |   |  |
|   | Available Protocols  | ( ) TCP/IP ( ) NWIPX ( ) NetBEUI ( ) Apple Talk<br>( ) DLC ( ) NetMon ( ) PPTP                                    |  |
|   | Use of DHCP<br>(When TCP/IP selected)  | ( ) Use DHCP  |  |
|   | IP-Address   |   |  |
|   | Subnet Mask  |   |  |
|   | Default Gateway  |   |  |
|   | IP address (additional)  | (only when added)   |  |
|   | Subnet mask (additional)   | (only when added)   |  |
|   | Default gateway (additional)   | (only when added)   |  |
|   | DNS domain name  | (only when specified)   |  |
|   | DNS server address   | (only when specified)   |  |
|   | Use WINS   | ( ) Use   |  |
|   | WINS server address  | DHCP (only when selected to use)  |  |
|   | NetBIOS Option   | ( ) Use NetBIOS setting from the DHCP Server<br>( ) Use NetBIOS over TCP/IP<br>( ) Do not use NetBIOS over TCP/IP |  |
|   | Only when NWIPX is selected  |   |  |
|   | Internal network number  | 0x  |  |
|   | Network number   | 0x  |  |
|   | Frame type   |   |  |
|   | Adapter 2  | Connection name   |  |
|   |  | Protocol binding to this adapter  | ( ) TCP/IP ( ) NWIPX ( ) NetBEUI ( ) Apple Talk<br>( ) DLC ( ) NetMon ( ) PPTP |
| Use of DHCP<br>(When TCP/IP selected)             |  | ( ) Use DHCP  |  |
| IP Address  |  |   |  |
| Subnet Mask                                       |  |   |  |
| Default Gateway                                   |  |   |  |
| IP address (additional)                           |  | (only when added)   |  |
| Subnet mask (additional)                          |  | (only when added)   |  |
| Default gateway (additional)                      |  | (only when added)   |  |
| DNS domain name                                   |  | (only when specified)   |  |
| DNS server address                                |  | (only when specified)   |  |
| Use WINS  |  | ( ) Use   |  |
| WINS server address                               |  | DHCP (only when selected to use)  |  |
| NetBIOS Option                                    |  | ( ) Use NetBIOS setting from the DHCP Server<br>( ) Use NetBIOS over TCP/IP<br>( ) Do not use NetBIOS over TCP/IP |  |
| Only when NWIPX is selected                       |  |   |  |
| Internal network number                           |  | 0x  |  |
| Network number                                    |  | 0x  |  |
| Frame type  |  |   |  |

Copy this sheet to install multiple adapters.



E Design Sheet

| Parameters                                   | Setting   |
|--|---|
| <b>Software Components</b>                   |   |
| Select installation method                   | <input type="checkbox"/> Install default Components<br><input type="checkbox"/> Install customized Components   |
| R2   | <input type="checkbox"/> R2 Components  |
| Only when selecting R2 components to install |   |
| Active Directory                             | <input type="checkbox"/> Application Mode(ADAM)<br><input type="checkbox"/> Claims-Aware Applications<br><input type="checkbox"/> Traditional Applications<br><input type="checkbox"/> Federation Service<br><input type="checkbox"/> Federation Service Proxy  |
| Distributed File System                      | <input type="checkbox"/> DFS Management<br><input type="checkbox"/> DFS Replication Service   |
| File Server                                  | <input type="checkbox"/> Management Console   |
| Microsoft Services for NFS                   | <input type="checkbox"/> User Name Mapping<br><input type="checkbox"/> Microsoft Services for NFS Administration<br><input type="checkbox"/> Client for NFS<br><input type="checkbox"/> Server for NFS<br><input type="checkbox"/> RPC Portmapper<br><input type="checkbox"/> RPC External Data Representation<br><input type="checkbox"/> Server For NFS Authentication  |
| Unix Identity Management                     | <input type="checkbox"/> Administration Components<br><input type="checkbox"/> Password Synchronisation<br><input type="checkbox"/> Server For NIS  |
| Windows SharePoint Services                  | Enable Windows Sharepoint Services  |
| Additional Components                        | <input type="checkbox"/> Common Log File System<br><input type="checkbox"/> Microsoft .NET Framework2.0(English)<br><input type="checkbox"/> Microsoft .NET Framework2.0(International)<br><input type="checkbox"/> Microsoft .NET Framework2.0 Languagepack<br><input type="checkbox"/> Print Management Console<br><input type="checkbox"/> Storage Manager SAN<br><input type="checkbox"/> Storage Ressource Manager<br><input type="checkbox"/> Windows Subsystem for UNIX based Applications |
| Uninstall Componennts                        | <input type="checkbox"/> uninstall hidden CFSCCommonUIFX<br><input type="checkbox"/> uninstall hidden DFSExt<br><input type="checkbox"/> uninstall hidden DFSRHelper<br><input type="checkbox"/> uninstall set of files from FileServerManagement Console   |

(continued)

| Parameters  | Setting  |
|---|--|
| <b>(Continuation of Software Components)</b>                            |  |
| Only when selecting component to install                                |  |
| Application and utilities   |  |
| Accessories   | <input type="checkbox"/> clipboard viewer<br><input type="checkbox"/> Desktop Wallpaper<br><input type="checkbox"/> Document Template<br><input type="checkbox"/> Paint<br><input type="checkbox"/> All available mousepointers<br><input type="checkbox"/> Word pad<br><input type="checkbox"/> Calculator<br><input type="checkbox"/> Character Map  |
| Accessibility Wizard  | <input type="checkbox"/> Install   |
| Communications  | <input type="checkbox"/> Chat<br><input type="checkbox"/> Hyper Terminal   |
| Application server  |  |
| ASP.NET web development platform  | <input type="checkbox"/> Install   |
| Application server console  | <input type="checkbox"/> Install   |
| Internet information services (IIS)                                     | <input type="checkbox"/> FrontPage 2002 Server Extensions<br><input type="checkbox"/> FTP (File Transfer Protocol) service<br><input type="checkbox"/> NNTP Service - NNTP Service<br><input type="checkbox"/> SMTP Service - SMTP Service<br><input type="checkbox"/> World Wide Web Server<br>- Internet Information Services ASP support<br><input type="checkbox"/> World Wide Web Server<br>- Internet Information Services web DAV publishing<br><input type="checkbox"/> World Wide Web Server<br>- World Wide Web (WWW) Service<br><input type="checkbox"/> World Wide Web Server<br>- Internet Information Services internet data connector<br><input type="checkbox"/> World Wide Web Server<br>- Internet Information Services web user interface |
| network COM + access  | <input type="checkbox"/> Install   |
| DTC network access  | <input type="checkbox"/> Install   |
| Indexing Server Files   | <input type="checkbox"/> Install   |
| Terminal Services   | <input type="checkbox"/> Install   |
| Terminal Services licensing   | <input type="checkbox"/> Install   |
| Remote install Services   | <input type="checkbox"/> Install   |
| Certificate Service   | <input type="checkbox"/> Install <input type="checkbox"/> Server components of the Certificate Services<br><input type="checkbox"/> Web client component of the Certificate Services   |
| POP3 root component   | <input type="checkbox"/> Install <input type="checkbox"/> POP3 main service<br><input type="checkbox"/> POP3 web user interface  |
| <b>FTP service property (Only when FTP service is selected)</b>         |  |
| FTP site directory  | (Default - \Inetpub\Ftproot)   |
| <b>WWW service property (Only when WWW service is selected)</b>         |  |
| WWW server directory  | (Default - \Inetsrv\WWWroot)   |
| <b>Terminal server property (Only when terminal server is selected)</b> |  |
| Remote Desktop  | <input type="checkbox"/> give a authorization to remote access to this computer.   |
| Please select the default access permission for compatible application. | <input type="checkbox"/> risk-free security<br><input type="checkbox"/> mild security  |
| License mode  | <input type="checkbox"/> number of connected devices <input type="checkbox"/> number of connected users  |

(continued)

| Parameters  | Setting  |
|---|--|
| <b>Services</b>   |  |
| Other network File and Print Services   | <input type="checkbox"/> Services for Macintosh (SFM)<br><input type="checkbox"/> Print Service for Macintosh<br><input type="checkbox"/> Print Service for UNIX   |
| Networking Services   | <input type="checkbox"/> WINS Server<br><input type="checkbox"/> Internet Authentication Service (IAS)<br><input type="checkbox"/> MS DNS Server<br><input type="checkbox"/> Simple TCP/IP Service<br><input type="checkbox"/> MS DHCP Serve   |
| Management and Monitoring Tools   | <input type="checkbox"/> Network Monitor tools<br><input type="checkbox"/> SNMP Service (Required to install SNMP-ServerView)  |
| <b>SNMP details (Only when SNMP is selected)</b>                              |  |
| Trap  |  |
| Community name  |  |
| Trap destination  |  |
| Security  |  |
| Send authentication trap  | <input type="checkbox"/> Send  |
| Receivable community name   |  |
| Receive SNMP packet from all hosts  | <input type="checkbox"/> Receive   |
| Host name   | (only when specified)  |
| Agent   |  |
| Contact   |  |
| Address   |  |
| Service   | <input type="checkbox"/> Physical <input type="checkbox"/> Datalink and sub network<br><input type="checkbox"/> End-to-End <input type="checkbox"/> Application <input type="checkbox"/> Internet  |
| <b>Active Directory details setting (only when DNS is selected)</b>           |  |
| Install Active Directory  | <input type="checkbox"/> Install   |
| Active Directory type   | <input type="checkbox"/> Create a domain in a new forest<br><input type="checkbox"/> Additional domain controller of the existing domain<br><input type="checkbox"/> Create a new child domain under the existing domain tree<br><input type="checkbox"/> Create a new domain tree in the existing fores |
| Database folder   |  |
| Log folder  |  |
| SYSVOL folder location  |  |
| Compatibility with Windows 2000 or earlier                                    | <input type="checkbox"/> Permit  |
| Create a domain in a new forest (only when selected)                          |  |
| Complete DNS name of the new domain   |  |
| Domain NetBIOS name   |  |
| Additional domain controller of the existing domain (only when selected)      |  |
| User name   |  |
| Password  |  |
| Domain  |  |
| Complete DNS name of the existing domain                                      |  |
| Create a new child domain under the existing domain tree (only when selected) |  |
| User name   |  |
| Password  |  |
| Domain  |  |
| Complete DNS name of the parent domain  |  |
| New child domain name   |  |
| Domain NetBIOS name   |  |
| Create a new domain tree in the existing forest (only when selected)          |  |
| User name   |  |
| Password  |  |
| Domain name   |  |
| Complete DNS name of the new domain   |  |
| Domain NetBIOS name   |  |

(continued)

### E.3 Application Wizard

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| Parameters                         | Setting   |
|------------------------------------|---|
| Installable applications           | <input type="checkbox"/> Windows Server 2003 service pack1<br><input type="checkbox"/> ServerView(Apache version)/RAID Management Tool<br><input type="checkbox"/> ServerView(IIS version)/RAID Management Tool<br><input type="checkbox"/> DSNAP<br><input type="checkbox"/> Broadcom Advanced Control Suite(BACS) |
| Userspecific Command               | (only when selecting additional software)   |
| Userspecific Command               | <input type="checkbox"/> Install selected application from Local CD<br><input type="checkbox"/> Install selected application from Remote Server   |
| When installing from remote server | <input type="checkbox"/> Install <input type="checkbox"/> Do not install  |
| Remote Source Path                 |   |
| Remote Username                    |   |
| Remote Password                    |   |

## F Accident Sheet

|                   |                         |
|-------------------|-------------------------|
| Name (Product ID) | PRIMERGY RX300 S4 (PG ) |
| OS                |                         |
| Environment       |                         |
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**PRIMERGY RX300 S4**

**Configuration Sheets**  
**CA92276-8049-01**

**Issued on March, 2008**  
**Issued by FUJITSU LIMITED**

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