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Use this form to record the settings of the BIOS Setup Utility.
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## 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 ECONEL 100 S2	This server or the server	
Microsoft® Windows Server® 2003 R2, Standard Edition	Windows Server 2003 R2, Standard Edition	Windows 2003
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, Standard x64 Edition	Windows Server 2003, Standard 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"/> 80GB <input type="checkbox"/> 160 GB <input type="checkbox"/> 500 GB
Bay 2	<input type="checkbox"/> 80GB <input type="checkbox"/> 160 GB <input type="checkbox"/> 500 GB
Bay 3	<input type="checkbox"/> 80GB <input type="checkbox"/> 160 GB <input type="checkbox"/> 500 GB
Bay 4	<input type="checkbox"/> 80GB <input type="checkbox"/> 160 GB <input type="checkbox"/> 500 GB

## 5-inch Internal Options

Installed position	Installation 5 inch internal option (Product ID)	SCSI ID
Bay 1	<input type="checkbox"/> Internal data cartridge drive unit (PG-RD1021)	-
	<input type="checkbox"/> Internal DAT72 unit (PG-DT5043)	-

Bay 2 is equipped with a CD-ROM drive as standard.

## RAM module

Installation slot	Installation RAM module
DIMM 1A	<input type="checkbox"/> 512 MB <input type="checkbox"/> 1 GB <input type="checkbox"/> 2 GB
DIMM 2A	<input type="checkbox"/> 512 MB <input type="checkbox"/> 1 GB <input type="checkbox"/> 2 GB
DIMM 1B	<input type="checkbox"/> 512 MB <input type="checkbox"/> 1 GB <input type="checkbox"/> 2 GB
DIMM 2B	<input type="checkbox"/> 512 MB <input type="checkbox"/> 1 GB <input type="checkbox"/> 2 GB

## CPU

Installation CPU
<input type="checkbox"/> Intel® Celeron® Processor 430 (1.86GHz/512KB)
<input type="checkbox"/> Intel® Xeon® Processor 3065 (2.33GHz/4MB)
<input type="checkbox"/> Intel® Pentium® Dual Core Processor E2180 (2GHz/1MB)
<input type="checkbox"/> Intel® Xeon® Processor E3110 (3GHz/6MB)
<input type="checkbox"/>

## PCI card

Expansion card (Product ID)	PCI slot location			
	1	2	3	4
LAN card (PG-1853)	<input type="checkbox"/>	-	-	-
SAS array controller card (PG-248BC)	-	-	<input type="checkbox"/>	-
Parallel Port (PG-PP08)	-	-	-	<input type="checkbox"/>

- : 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	Sets present time.
System Date:	MM/DD/YYYY	Sets present date.
Diskette A:	1.4M	( )None ( )360K ( )1.2M ( )720K
> SATA Port1:	ST3500630AS-(S1)	Links to the Standard IDE submenu
SATA Port2:	None	
SATA Port3:	None	
SATA Port4:	None	
> SATA Port5:	HL-DT-STDVD-RAM-(S5)	
SATA Port6:	None	
> Boot Features		Links to the Boot Features submenu
Base Memory:	xxxK	Display usable base memory size for less than 1MB. (Unchangeable, display only)
Extended Memory:	xxxM	Display memory size for greater than 1MB. (Unchangeable, display only)

## B Configuration Sheets of BIOS Setup Utility Parameters

### SATA Port1-6 Submenu

Item	Initial value	Setting
<b>SATA Port x : [Device name]</b>		
Total Sectors:	xxxx	Display such as device capacity, LBA Mode, DMA transfer mode, version of the firmware. (Unchangeable, display only)
Maximum Capacity:		
Multi-Sector Transfers:		
32 Bit I/O:		
Transfer Mode:		
Ultra DMA Mode:		
SMART Monitoring:		
Firmware:		
Password Status:	Not supported	
Change Password:	[Press Enter]	

### Boot Features Submenu

( ) The initial values have been unchanged.

Item	Initial value	Setting
<b>Boot Features</b>		
POST Errors	Enabled	( ) Disabled
SM Error Halt:	Enabled	( ) Disabled
Keyboard Check	Enabled	( ) Disabled
Fast Boot:	Disabled	( ) Enabled
POST Diagnostic Screen:	Enabled	( ) Disabled
Boot Menu:	Enabled	( ) Disabled
NumLock:	Auto	( ) On ( ) Off

## B.2 Parameters in the Advanced Menu

Item	Initial value	Setting
<b>Setup Warning</b>		
Setting items on this menu to incorrect values may cause your system to malfunction		
> Peripheral Configuration		Links to the Peripheral Configuration submenu
> Advanced System Configuration		Links to the Advanced System Configuration submenu
> Advanced Processor Options		Links to the Advanced Processor Options submenu
> PCI Configuration		Links to the PCI Configuration submenu
> System Management		Links to the System Management submenu

### Peripheral Configuration Submenu

( ) The initial values have been unchanged.

Item	Initial value	Setting
<b>Peripheral Configuration</b>		
Serial 1:	Auto	( )Disabled ( )Enabled
Serial 1 Address: *1	3F8h	( )2F8h ( )3E8h ( )2E8h
Parallel port:	Disabled	( )Enabled ( )Auto
Mode: *2	Bidirection	( )Printer ( )EPP ( )ECP
Parallel Address: *3	378h,IRQ 7	( )278h,IRQ 5
Diskette Controller:	Enabled	( )Disabled
USB Front:	Enabled	( )Disabled
USB Rear:	Enabled	( )Disabled
USB Devices:	ALL	( )None ( )Keyboard And Mouse Only
LAN Controller:	Enabled	( )Disabled
LAN Remote Boot:	Disabled	( )Enabled

\*1:It can change if Serial1 is Enabled.

\*2:It can change if Parallel port is Auto or Enabled.

\*3:It can change if Parallel port is Enabled.

### Advanced System Configuration Submenu

( ) The initial values have been unchanged.

Item	Initial value	Setting
<b>Advanced System Configuration</b>		
On board Video:	Enabled	( )Disabled
High Precision Event Timer:	Enabled	( )Disabled
SMART Device Monitoring:	Enabled	( )Disabled
SATA RAID Enable: *1		
SATA OS installation model:	Disabled	( )Enabled
SATA RAID(MegaSR) model:	Enabled	( )Disabled
SAS array controller card deployment model:	Disabled	( )Enabled
SATA AHCI Enable: *1,2		
SATA OS installation model:	Disabled	( )Enabled
SATA RAID(MegaSR) model:	Enabled	( )Disabled
SAS array controller card deployment model:	Disabled	( )Enabled
PCI Bus SERR Checking:	Enabled	( )Disabled

\*1:If SAS array controller card is installed then the default value after Get Default Value become to Disabled.

\*2:If SATA RAID Enable=Disabled, then you can change this parameter.

## B Configuration Sheets of BIOS Setup Utility Parameters

### Advanced Processor Options Submenu

( ) The initial values have been unchanged.

Item	Initial value	Setting
<b>Advanced Processor Options *1</b>		
Enhanced SpeedStep: *2	Disabled	( )Enabled
CPU Halt Mode: *3	Enhanced	( )Disabled
Enhanced Idle Power State: *2	Disabled	( )Enabled
CPU Thermal Management:	Enhanced	( )Standard
Virtualization Technology: *4	Disabled	( )Enabled
NX Memory Protection:	Disabled	( )Enabled
Adjacent Cache Line Prefetch:	Enabled	( )Disabled
Hardware Prefetch:	Enabled	( )Disabled
Core Multi-Processing: *2	Enabled	( )Disabled
Limit CPUID Functions:	Disabled	( )Enabled
CPU MC Status Clear:	Next Boot	( )Disabled ( )Enabled

\*1: The item changes by installing CPU.

\*2: The item is not displayed with Celeron® Processor 430.

\*3: The item is not displayed just after Load Default (Get Default Values). It will be displayed next BIOS setup time after reboot.

\*4: The item is not displayed with Celeron® Processor 430 / Pentium® Dual Core Processor E2180.

### PCI Configuration Submenu

( ) The initial values have been unchanged.

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

### PCI SLOTS Configuration Submenu

( ) The initial values have been unchanged.

Item	Initial value	Setting
<b>PCI SLOTS Configuration</b>		
Slot 1 Configuration Option ROM SCAN:	Disabled	( ) Enabled
Slot 2 Configuration Option ROM SCAN:	Disabled	( ) Enabled
Slot 3 Configuration Option ROM SCAN:	Enabled	( ) Disabled
Slot 4 Configuration Option ROM SCAN:	Disabled	( ) Enabled

### System Management Submenu

( ) The initial values have been unchanged.

Item	Initial value	Setting
<b>System Management</b>		
Battery State SM Fan Control:	Auto	Shown Battery status ( ) Enhanced Cooling ( ) Silent
Fan State Power Supply		Shown PSU-FAN Status
FAN 1		Shown FAN 1 Status (Not available)
FAN 2		Shown FAN 2 (Front) Status
FAN 3		Shown FAN 3 (Rear) Status
Thermal Sensor State		
CPU		Shown CPU thermal sensor status
Inside		Shown Inside of chassis thermal sensor status
System		Shown main board thermal sensor status
Hard Disk		Shown HDD thermal sensor status

### B.3 Parameters in the Security menu

( ) The initial values have been unchanged.

Item	Initial value	Setting
Supervisor Password:	Not installed	Displays whether or not the Supervisor Password is set.
User Password *1	Not installed	Displays whether or not the User Password is set.
Set Supervisor Password:	Press Enter	Setting of Supervisor Password.
Setup Password Lock: *2	Standard	( )Extended
Set User Password: *2	Press Enter	Setting of User Password.
User Password Mode: *3	Standard	( )Keyboard
Password on boot: *2	Disabled	( )Enabled
System Password Lock: *4	Standard	( )WOL SKIP
> TPM (Security Chip) Setting		Links to the TPM (Security Chip) Setting Submenu
Virus Warning:	Disabled	( )Enabled ( )Confirm
Diskette Write:	Enabled	( )Disabled
Flash Write:	Enabled	( )Disabled

\*1: Can be set when "Set Supervisor Password" is set.

\*2: Can be set when "Supervisor Password" is set.

\*3: Can be set when "Set User Password" is set.

\*4: Can be set when "Enabled" is selected for [Password on boot].

### TPM (Security Chip) Setting Submenu

( ) The initial values have been unchanged.

Item	Initial value	Setting
Security Chip	Disabled	( )Enabled
Current TPM State	Disabled and Deactivated	
Change TPM State *1	No Change	( )Enabled & Activate ( )Disable & Deactivate ( )Clear

\*1: When Security Chip is set by Enabled, indication / setting is possible. This setting becomes effective after reboot.

### B.4 Parameters in the Power menu

( ) The initial values have been unchanged.

Item	Initial value	Setting
Power On Source:	BIOS Controlled	( )ACPI Controlled
LAN: *1	Enabled	( )Disabled
Wake Up Timer: *1	Disabled	( )Enabled
Wake Up Time: *2	[00:00:00]	
Wake Up Mode: *2	Daily	( )Monthly
Wake Up Day: *3	1	[0-31]
Power Failure Recovery:	Previous State	( )Always Off ( )Always On ( )Disabled

\*1: It can change if Power-On Source is BIOS Controlled.

\*2: It can change if Wake Up Timer is Enabled.

\*3: It appears if Wake Up Mode is Monthly. Do not set "0(Zero)".

## B.5 Parameters in the Boot menu

### Boot menu

( ) The initial values have been unchanged.

Item	Initial value	Setting
Boot priority order: 1: 2: 3: 4: 5: 6: 7: 8:  Excluded from boot order: :Legacy Network Card :Bootable Add-in Cards	IDE CD:CD Device name *1 Legacy Floppy Drives IDE x:HDD Device name *2 PCI BEV:Boot Manage PXE,Slot 00C8 *3 USB KEY: RDX Device name *4	

\*1:The name of DVD/CD-ROM devices on the display vary as below.

Mode	on the display
Native	IDE CD: Device name
MegaSR	PCI BEV: Embedded RAID CD/DVD-ROM ( After setting [Get Default Values], the startup order from HDD as the lowest.)

\*2:The name of HDD devices on the display vary as below.

Mode	on the display
Native	IDE: Device name
MegaSR	PCI SCSI: Software RAID
MegaSR	PCI SCSI: ICHx/ESB2 Embedded RAID
SAS array controller card (PG-248B/C)	PCI SCSI: (Bus01 Dev00)PCI RAID Ad

\*3:If LAN Remote Boot=Enabled then the entry is displayed.

\*4:If Internal data cartridge drive unit (PG-RD1021) is installed then the entry is displayed.

## B.6 Parameters in the Exit menu

Item	Initial value	Setting
Save Changes & Exit:		Saves the current settings to CMOS and exit BIOS Setup Utility.
Discard Changes & Exit:		Exits BIOS Setup Utility without saving current settings to CMOS.
Get Default Values:		Returns to the default values of the server for all items.
Load Previous Values:		Sets all items to the values before the last changes by reading from CMOS. 1

# C Table of System Resource Management

The I/O port address that can be selected with various expansion cards is the following tables.

## I/O port addresses

Product name	I/O port address (h) 100 140 180 1C0 200 240 280 2C0 300 340 380 3C0 400	Setup method
Serial port 1		BIOS setup

- \* indicates the I/O port address space that can be selected in the expansion card.
- indicates that some or all of the 16 bytes that follow the marker address may be used ( space selected for default)
- indicates that some or all of the 32 bytes that follow the marker address may be used ( space selected for default)

## 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).

### D.1 For Embedded MegaRAID SATA

#### Content of Definition of the Logical Drive

Installation HDD Slot / Bay	HDD model name	HDD capacity	Logical drive
(e.g.) Bay1	PG-HDF67B	160GB	Logical drive [0]
(e.g.) Bay2	PG-HDF67B	160GB	Logical drive [0]
Bay1			Logical drive [ ]
Bay2			Logical drive [ ]
Bay3			Logical drive [ ]
Bay4			Logical drive [ ]

Logical drive No. (LD No.)	RAID level	Logical drive capacity	
(e.g.) LD : 0	( )RAID 0 ( <input checked="" type="checkbox"/> )RAID 1	151634 MB	
(e.g.) LD : 1	( )RAID 0 ( <input checked="" type="checkbox"/> )RAID 1	151634 MB	
LD :	( )RAID 0 ( )RAID 1		
LD :	( )RAID 0 ( )RAID 1		
LD :	( )RAID 0 ( )RAID 1		
LD :	( )RAID 0 ( )RAID 1		

## D.2 RAID 5/6 SAS based on LSI MegaRAID

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### 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] <input type="checkbox"/> Spare disk
(e.g.) Bay2	PG-HDB75A	73.4GB	<input checked="" type="checkbox"/> Disk group [0] <input type="checkbox"/> Spare disk
Bay1			<input type="checkbox"/> Disk group [ ] <input type="checkbox"/> Spare disk
Bay2			<input type="checkbox"/> Disk group [ ] <input type="checkbox"/> Spare disk
Bay3			<input type="checkbox"/> Disk group [ ] <input type="checkbox"/> Spare disk
Bay4			<input type="checkbox"/> Disk group [ ] <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 (LD No.)*1	Disk group number (DG No.)*2	RAID level *3	Logical drive capacity	Write policy
(e.g.) LD : 0	DG : 0	( )RAID 0 ( <input checked="" type="checkbox"/> )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10	34464 MB	( <input checked="" type="checkbox"/> )Write Through ( )Write Back ( )Bad BBU
(e.g.) LD : 1	DG : 0	( )RAID 0 ( <input checked="" type="checkbox"/> )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10	34464 MB	( <input checked="" type="checkbox"/> )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )Bad BBU
LD :	DG :	( )RAID 0 ( )RAID 1 ( )RAID 5 ( )RAID 6 ( )RAID 10		( )Write Through ( )Write Back ( )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 (The system will be used as it is, with the current RAID configuration) <input type="checkbox"/> Mass Storage Controller View (The RAID configuration can be specified)
Controller		<input type="checkbox"/> RAID <input type="checkbox"/> SCSI <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: Manually	RAID Level	
	Number of Disks	
HotSpare		<input type="checkbox"/> Yes <input type="checkbox"/> No
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> <input type="checkbox"/> Windows Server 2003, Standard Edition <input type="checkbox"/> Windows Server 2003 R2, Standard Edition  <b>Windows Server 2003 x64/R2 to install</b> <input type="checkbox"/> Windows Server 2003, Standard x64 Edition <input type="checkbox"/> Windows Server 2003 R2, Standard x64 Edition
ServicePack(SP)	<input type="checkbox"/> no service pack <input type="checkbox"/> ServicePack1 applied <input type="checkbox"/> ServicePack2 applied
License Mode	<input type="checkbox"/> Number of connected devices or Number of connected users <input type="checkbox"/> Concurrent users
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 <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 <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	
Remote 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: <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: <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)
<b>User Name</b>	
User Name	
Organization	
Computer Name	
Product-ID	<input type="checkbox"/> - - - -

(continued)

Parameters	Setting		
<b>Display settings</b>			
Resolution	<input type="checkbox"/> 640 * 480 <input type="checkbox"/> 800 * 600 <input type="checkbox"/> 1024 * 768 <input type="checkbox"/> 1156 * 864 <input type="checkbox"/> 1280 * 1024 <input type="checkbox"/> 1600 * 1200		
Vrefresh	<input type="checkbox"/> 60 <input type="checkbox"/> 70 <input type="checkbox"/> 72 <input type="checkbox"/> 75 <input type="checkbox"/> 80 <input type="checkbox"/> 85 <input type="checkbox"/> 100		
BitsPerPel	<input type="checkbox"/> 16 colors <input type="checkbox"/> 256 colors <input type="checkbox"/> High Color(16bits) <input type="checkbox"/> True Color(24bits) <input type="checkbox"/> True Color(32bits)		
<b>Network protocol</b>			
Installation method	<input type="checkbox"/> Install Unattended <input type="checkbox"/> Install Manually		
Network protocol property (for auto-installation)			
Adapter 1	Connection name		
	Available Protocols	<input type="checkbox"/> TCP/IP <input type="checkbox"/> NWIPX <input type="checkbox"/> NetBEUI <input type="checkbox"/> Apple Talk <input type="checkbox"/> DLC <input type="checkbox"/> NetMon <input type="checkbox"/> PPTP	
	Use of DHCP (When TCP/IP selected)	<input type="checkbox"/> Use DHCP	
	Do not 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	<input type="checkbox"/> Use
		WINS server address	DHCP (only when selected to use)
	NetBIOS Option	<input type="checkbox"/> Use NetBIOS setting from the DHCP Server <input type="checkbox"/> Use NetBIOS over TCP/IP <input type="checkbox"/> 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	<input type="checkbox"/> TCP/IP <input type="checkbox"/> NWIPX <input type="checkbox"/> NetBEUI <input type="checkbox"/> Apple Talk <input type="checkbox"/> DLC <input type="checkbox"/> NetMon <input type="checkbox"/> PPTP
Use of DHCP (When TCP/IP selected)		<input type="checkbox"/> Use DHCP	
Do not 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	<input type="checkbox"/> Use
		WINS server address	DHCP (only when selected to use)
NetBIOS Option		<input type="checkbox"/> Use NetBIOS setting from the DHCP Server <input type="checkbox"/> Use NetBIOS over TCP/IP <input type="checkbox"/> 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.

Parameters	Setting
<b>Software Components</b>	
Select installation method	<input type="checkbox"/> Install default Components <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) <input type="checkbox"/> Claims-Aware Applications <input type="checkbox"/> Traditional Applications <input type="checkbox"/> Federation Service <input type="checkbox"/> Federation Service Proxy
Distributed File System	<input type="checkbox"/> DFS Management <input type="checkbox"/> DFS Replication Service
File Server	<input type="checkbox"/> Management Console
Microsoft Services for NFS	<input type="checkbox"/> User Name Mapping <input type="checkbox"/> Microsoft Services for NFS Administration <input type="checkbox"/> Client for NFS <input type="checkbox"/> Server for NFS <input type="checkbox"/> RPC Portmapper <input type="checkbox"/> RPC External Data Representation <input type="checkbox"/> Server For NFS Authentication
Unix Identity Management	<input type="checkbox"/> Administration Components <input type="checkbox"/> Password Synchronisation <input type="checkbox"/> Server For NIS
Windows SharePoint Services	Enable Windows Sharepoint Services
Additional Components	<input type="checkbox"/> Common Log File System <input type="checkbox"/> Microsoft .NET Framework2.0(English) <input type="checkbox"/> Microsoft .NET Framework2.0(International) <input type="checkbox"/> Microsoft .NET Framework2.0 Languagepack <input type="checkbox"/> Print Management Console <input type="checkbox"/> Storage Manager SAN <input type="checkbox"/> Storage Ressource Manager <input type="checkbox"/> Windows Subsystem for UNIX based Applications
Uninstall Componennts	<input type="checkbox"/> uninstall hidden CFSCCommonUIFX <input type="checkbox"/> uninstall hidden DFSExt <input type="checkbox"/> uninstall hidden DFSRHelper <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 <input type="checkbox"/> Desktop Wallpaper <input type="checkbox"/> Document Template <input type="checkbox"/> Paint <input type="checkbox"/> All available mousepointers <input type="checkbox"/> Word pad <input type="checkbox"/> Calculator <input type="checkbox"/> Character Map
Accessibility Wizard	<input type="checkbox"/> Install
Communications	<input type="checkbox"/> Chat <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 <input type="checkbox"/> FTP (File Transfer Protocol) service <input type="checkbox"/> NNTP Service - NNTP Service <input type="checkbox"/> SMTP Service - SMTP Service <input type="checkbox"/> World Wide Web Server - Internet Information Services ASP support <input type="checkbox"/> World Wide Web Server - Internet Information Services web DAV publishing <input type="checkbox"/> World Wide Web Server - World Wide Web (WWW) Service <input type="checkbox"/> World Wide Web Server - Internet Information Services internet data connector <input type="checkbox"/> World Wide Web Server - 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 <input type="checkbox"/> Web client component of the Certificate Services
POP3 root component	<input type="checkbox"/> Install <input type="checkbox"/> POP3 main service <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 <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) <input type="checkbox"/> Print Service for Macintosh <input type="checkbox"/> Print Service for UNIX
Networking Services	<input type="checkbox"/> WINS Server <input type="checkbox"/> Internet Authentication Service (IAS) <input type="checkbox"/> MS DNS Server <input type="checkbox"/> Simple TCP/IP Service <input type="checkbox"/> MS DHCP Serve
Management and Monitoring Tools	<input type="checkbox"/> Network Monitor tools <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 <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 <input type="checkbox"/> Additional domain controller of the existing domain <input type="checkbox"/> Create a new child domain under the existing domain tree <input type="checkbox"/> Create a new domain tree in the existing fores
Database folder	
Log folder	
SYVOL 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 <input type="checkbox"/> ServerView(Apache version)/RAID Management Tool <input type="checkbox"/> ServerView(IIS version)/RAID Management Tool <input type="checkbox"/> DSNAP <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 <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	



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**PRIMERGY ECONEL 100 S2**

**Configuration Sheets  
CA92276-8080-01**

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