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- A **Configuration Sheet**
Use this form to record the hardware configuration and various settings of your server.
-
- B **Design Sheet**
Use this form to record the software settings.
-
- C **Accident Sheet**
Use this form to record any failures that occur in your server.
-

Product Names

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

Product names	Expressions and abbreviations
PRIMERGY TX150 S4	This server, or server
Microsoft® Windows Server™ 2003, Standard Edition	Windows Server 2003, Standard Edition or Windows 2003
Microsoft® Windows® 2000 Server	Windows 2000 Server, or Windows 2000

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C Accident Sheet

A Configuration Sheet

Use this form to record the hardware configuration and various settings of your server.
Check the () of your server settings.

The Initial values are indicated by (S). Unchangeable settings are indicated by (N).

A.1 Hardware Configuration

■ 5 inch built in options

Installation 5 inch internal option (Product ID)	Installed position			SCSI ID
	Bay 1	Bay 2	Bay 3	
CD-ROM unit (standard installation)	(S)	-	-	-
DVD-RAM unit (PG-DVAU102)	()	-	-	-
Tape Drv DAT72 36GB internal (PG-DT502)	-	()	-	5
Tape Drv VXA-2 80GB (PG-VX201)	-	()	-	5

-: Indicates that this item cannot be installed.

■ The internal hard disk units

Installed position	Installation 3.5 inch internal option			
	10,000rpm		15,000rpm	
Bay 1	() 73.4 GB	() 146.8 GB	() 300 GB	() 73.4 GB () 46.8 GB
Bay 2	() 73.4 GB	() 146.8 GB	() 300 GB	() 73.4 GB () 146.8 GB
Bay 3	() 73.4 GB	() 146.8 GB	() 300 GB	() 73.4 GB () 146.8 GB
Bay 4	() 73.4 GB	() 146.8 GB	() 300 GB	() 73.4 GB () 146.8 GB

■ RAM modules

Installation slot	Installation RAM module		
Slot 1A	() 512 MB	() 1 GB	() 2 GB
Slot 1B	() 512 MB	() 1 GB	() 2 GB
Slot 2A	() 512 MB	() 1 GB	() 2 GB
Slot 2B	() 512 MB	() 1 GB	() 2 GB

■ CPU

Installation CPU
() Intel® Celeron® D 336 Processor 2.93GHz / 256KB
() Intel® Pentium® 4 630 Processor 3.0GHz / 2MB
() Intel® Pentium® 4 650 Processor 3.4GHz / 2MB
() Intel® Pentium® D 820 Processor 3.0GHz / 2×2MB
() Intel® Pentium® D 960 Processor 3.6GHz / 2×2MB

■ Option cards

Expansion card (Product ID)	PCI slot location					
	1	2	3	4	5	E
SCSI array controller card (PG-140D1)	-	()	-	-	-	-
Remote Service Board (PG-RSB103)	()	-	-	-	-	-
SCSI Ctrl U160 (PG-129B)	-	-	-	()	-	-
SCSI Ctrl U160 (PG-128)	()	-	()	()	()	-
Eth. Ctrl 2x1Gbit PCI-E 1000-BASE-T (PG-2861)	-	-	-	-	-	()
Eth. Ctrl 1000-BASE-T Cu (PG-1892)	()	()	()	()	()	-
Eth. Ctrl 1x1Gbit PCI32 PRO/1000GT Cu (PG-1853)	()	()	()	()	()	-

-: Indicates that this item cannot be installed.

A.2 BIOS Setup Utility Parameters

The marks used in each menu indicate:

() : Parameters (S) : Initial values (N) : Unchangeable

■ Parameters in the Main menu

Parameters	Setting
System Time	Set the system time in [hh:mm:ss] format.
System Date	Set the system date in [MM/DD/YY] format.
Diskette A	() None () 360K () 1.2M () 720K (N) 1.4M
Standard IDE	
PIO Mode	PIO 4
DMA Mode	UDMA 2
Password Status	Not Supported
Change Password	Press Enter
Boot Options	
POST Errors	() No Halt On Any Errors (N) Halt On All Errors
Keyboard Check	() Disabled (S) Enabled
SM Error Halt	() Disabled (N) Enabled
Fast Boot	(N) Disabled () Enabled
Quiet Boot	(N) Disabled () Enabled
Boot Menu	() Disabled (S) Enabled
NumLock	(S) Auto () On () Off
MultiBoot for HDs	() Disabled (N) Enabled
Boot Sequence	1. CD-ROM Drive 2. Diskette 3. Hard Drive 4. Legacy LAN Card
Base Memory	The memory size of 1MB or less that can be used is displayed.
Extended Memory	The memory size of 1MB or more that can be used is displayed.

■ Parameters in the Advanced menu

Parameters	Setting
Peripheral Configuration	
Serial 1 [*1]	() Disabled () Enabled (S) Auto
Serial 1 Address [*2]	(N) 3F8h,IRQ4 () 2F8h,IRQ3 () 3E8h,IRQ4 () 2E8h,IRQ3
Serial 2	() Disabled () Enabled (S) Auto
Serial 2 Address [*2]	() 3F8h,IRQ4 (N) 2F8h,IRQ3 () 3E8h,IRQ4 () 2E8h,IRQ3
Parallel	() Disabled () Enabled (S) Auto
Parallel Mode [*3]	() Printer (S) Bidirection () EPP () ECP
Parallel Address [*4]	() 378h,IRQ7 (S) 278h,IRQ5 () 3BCh,IRQ7
Serial Multiplexer	(N) System () BMC
USB Enable Ports	() None (S) All
USB 2.0 Host Controller [*5]	() Disabled (S) Enabled
USB BIOS Supported Devices [*5]	() None (N) Auto () Keyboard/Mouse () All
USB Boot Delay [*6]	(N) 0s () 3s () 6s () 9s
ATA Controller Config	
P-ATA Maps To	() Disabled (N) Primary () Secondary
Primary IDE Channel	(S) Enabled () Disabled
Secondary IDE Channel	(N) Enabled () Disabled
Diskette Controller	() Disabled (N) Enabled
Mouse Controller	() Disabled () Enabled (N) Auto Detect
LAN Controller	() Disabled (S) Enabled
LAN Remote Boot [*7]	(S) Disabled () Enabled
SCSI Controller	() Disabled (N) Enabled
SCSI Option ROM Scan [*8]	() Disabled (N) Enabled

[*1] This item can be changed only when [Serial Multiplexer] is set to [System].

[*2] This item can be changed only when [Serial n] is set to [Enabled].

[*3] This item can be changed only when [Parallel] is set to [Auto] or [Enabled].

[*4] This item can be changed only when [Parallel] is set to [Enabled].

[*5] This item can be changed only when [USB Enable Ports] is set to [All].

[*6] This item can be changed only when [USB BIOS Supported Devices] is set to [None].

[*7] This item can be changed only when [LAN Controller] is set to [Enabled].

[*8] This item can be changed only when [SCSI Controller] is set to [Enabled].

(continued)

Parameters	Setting
PCI Configuration	
PCI SLOTS Configuration	
PCI SLOT 1 Configuration	
Option ROM SCAN	() Enabled (S) Disabled
PCI SLOT 2 Configuration	
Option ROM SCAN	(S) Enabled () Disabled
PCI SLOT 3 Configuration	
Option ROM SCAN	() Enabled (S) Disabled
PCI SLOT 4 Configuration	
Option ROM SCAN	() Enabled (S) Disabled
PCI SLOT 5 Configuration	
Option ROM SCAN	() Enabled (S) Disabled
PCI Configuration	
PCI IRQ Line 1	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15
PCI IRQ Line 2	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15
PCI IRQ Line 3	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15
PCI IRQ Line 4	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15
PCI IRQ Line 5	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15
PCI IRQ Line 6	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15
PCI IRQ Line 7	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15
PCI IRQ Line 8	() Disabled (N) Auto () IRQ3 () IRQ4 () IRQ5 () IRQ6 () IRQ7 () IRQ9 () IRQ10 () IRQ11 () IRQ12 () IRQ14 () IRQ15

(continued)

Parameters	Setting
Advanced System Configuration	
ECC Memory Checking	<input type="checkbox"/> Disabled (N) Enabled
PCI Bus Parity Checking	<input type="checkbox"/> Disabled (N) Enabled
BIOS Work Space Location	<input type="checkbox"/> Expansion ROM Area (N) Top of Base Memory
Hyper-Threading [*1]	<input type="checkbox"/> Disabled (S) Enabled
Limit CPUID functions	(N) Disabled <input type="checkbox"/> Enabled
CPU Mismatch Detection	<input type="checkbox"/> Disabled (N) Enabled
CPU Halt Mode (C1E) [*1]	(S) Standard <input type="checkbox"/> Enhanced
CPU Thermal Management [*2]	(S) Standard <input type="checkbox"/> Enhanced
NX Memory Protection	(S) Disabled <input type="checkbox"/> Enabled
CPU Timeout Counter	<input type="checkbox"/> Disabled (N) Enabled
Enhanced SpeedStep [*1]	(S) Disabled <input type="checkbox"/> Enabled
CPU MC Status Clear	<input type="checkbox"/> Disabled <input type="checkbox"/> Enabled (N) Next Boot
Discard Timer Mode	(N) 1024clocks <input type="checkbox"/> 128clocks
SMART Device Monitoring	<input type="checkbox"/> Disabled (N) Enabled
Power On/Off	
Power On Source	(N) BIOS Controlled <input type="checkbox"/> ACPI Controlled
Remote [*3]	(S) Disabled <input type="checkbox"/> Enabled
LAN [*3]	<input type="checkbox"/> Disabled (S) Enabled
Wake Up Timer [*3]	(S) Disabled <input type="checkbox"/> Enabled
Wake Up time [*4]	Wake Up time is set.
Wake Up Mode [*4]	(S) Daily <input type="checkbox"/> Monthly
Wake Up Day [*5]	(S) 1 (1~31)
Power Off Source	
Software	<input type="checkbox"/> Disabled (S) Enabled
Power Button	<input type="checkbox"/> Disabled (S) Enabled
Power Failure Recovery	<input type="checkbox"/> Always On <input type="checkbox"/> Always Off (S) Previous State
IPMI	
SEL Load	The percentage of stored SEL is shown.
Clear System Event Log	(S) Disabled <input type="checkbox"/> Enabled
Event Log Full Mode	(S) Overwrite <input type="checkbox"/> Maintain
BMC Time Sync	<input type="checkbox"/> Disabled (N) Enabled
System Event Log	The system event logs are displayed. To check previous and subsequent entries, use the [+] [-] keys.
SDRR Browser	Refer to information on the sensor.
LAN Setting	
Local IP address	Local IP address is set.
Subnet mask	Subnet mask is set.
Gateway address	Gateway address is set.
User ID1 Password	User ID1 Password is set.
Reset Configuration Data	(S) No <input type="checkbox"/> Yes

[*1] This item can be changed only when the installed CPU is Pentium® 4 processor, otherwise it is not displayed.

[*2] This item can be changed only when the installed CPU is Celeron® D processor, otherwise it is not displayed.

[*3] This item can be changed only when [Power On Source] is set to [BIOS Controlled].

[*4] This item can be changed only when [Wake Up Timer] is set to [Enabled].

[*5] This item can be changed only when [Wake Up Mode] is set to [Daily].

■ Parameters in the Security menu

Parameters	Setting
Setup Password	The presence of Password is displayed.
System Password	The presence of Password is displayed.
Set Setup Password	Setup Password is set.
Setup Password Lock [*1]	(S) Standard () Extended
Set System Password [*1]	System Password is set.
System Password Mode [*2]	(S) System () Keybord
System Password Lock [*3]	() Standard (S) WOL Skip
System Load	(S) Standard () Diskette/CDROM Lock
Setup Prompt	() Disabled (S) Enabled
Virus Warning	(N) Disabled () Enabled () Confirm
Diskette Write	() Disabled (S) Enabled
Flash Write	() Disabled (S) Enabled

[*1] This item can be set only when [Set Setup Password] is set.

[*2] This item can be changed only when [System Password] is set.

[*3] This item can be changed only when [System Password Mode] is set to [System].

■ Parameters in the Server menu

Parameters	Setting
OS Boot Timeout	(S) Disabled () Enabled
Action	() Continue (S) Reset () Power Cycle
Timeout Value	(S) 0 () [1~100]
ASR&R Boot Delay	(S) 2 () [1~30]
Power Cycle Delay	(S) 5 () [0~15]
Boot Retry Counter	(S) 3 () [0~7]
Diagnostic System	(N) Disabled () IDE Drive () Disk Not Installed () Remote Image Disk () LAN () RSB USB
Next Boot [*1]	(S) Boot Option () Diagnostic System
Device Instance [*2]	(S) 0 () [1~15]
Temperature Monitoring	(S) Disabled () Enabled
CPU Status	
CPU 0 Status	() Failed () Disabled (N) Enabled
Memory Status	
DIMM-1A	() Failed () Disabled (N) Enabled
DIMM-2A	() Failed () Disabled (N) Enabled
DIMM-1B	() Failed () Disabled (N) Enabled
DIMM-2B	() Failed () Disabled (N) Enabled
Console Redirection	
Console Redirection	(S) Disabled () Enabled
Media Type [*3]	(S) Serial () LAN
Port [*4]	(S) Serial 1 () Serial 2
Baud Rate [*3]	() 1200 () 2400 () 4800 (S) 9600 () 19.2K () 38.4K () 57.6K () 115.2K
Protocol [*3]	() VT100 () VT100,8bit () PC-ANSI,7bit () PC-ANSI (S) VT100+
Flow Control [*3]	() None () XON/XOFF (S) CTS/RTS
Mode [*3]	() Standard (S) Enhanced

[*1] This item can be changed only when [Diagnostic System] is set to [IDE Drive], [Remote Image Disk], [LAN] or [RSB USB].

[*2] This item can be changed only when [Diagnostic System] is set to [LAN].

[*3] This item can be changed only when [Console Redirection] is set to [Enabled], otherwise it is not displayed.

[*4] This item can be changed only when [Media Type] is set to [Serial].

A.3 SCSI Setup Utility Parameters

The marks used in each menu indicate:

() : Parameters (S) : Initial values (N) : Unchangeable

■ Parameters in the Boot Adapter List

Parameters	Setting
Boot Order	(N) 0 () 1
Current Status	On (only displayed and unchangeable)
Next Boot	(N) On () Off

■ Parameters in the Global Properties

Parameters	Setting
Pause When Boot Alert Displayed	() No (N) Yes
Boot Information Display Mode	(N) Verbose () Terse
Negotiate with devices	(N) Supported () All
Video Mode	(N) Color () Monochrome
Support Interrupt	() Hook interrupt, the Default (only displayed and unchangeable)

■ Parameters in the Adapter Properties

Parameters	Setting
Host SCSI ID	(N) 7 () [0-7,9-15]
SCSI Bus Scan Order	(N) Low to High (0..Max) () High to Low (0..Max)
Removable Media Support	(N) None () Boot Drive Only () With Media Installed
CHS Mapping	(N) SCSI Plug and Play Mapping () Alternate CHS Mapping
Spinup Delay (Secs)	(S) 2 () [1-15]
Secondary Cluster Server	(N) No () Yes
Termination Control	() Off (N) Auto

■ Parameters in the Device Properties

Parameters	Setting
MT/Sec	(N) 160 () 80 () 40 () 20 () 10 () 5 () 0
MB/Sec	The maximum transfer speed supported by the host adaptor is displayed.
Data Width	(N) 16 () 8
Scan ID	(N) Yes () No
Scan LUNs >0	(N) Yes () No
Dis-connect	(N) On () OFF
SCSI Time out	(N) 10 sec
Queue Tags	(N) On () OFF

■ Parameters in the RAID Properties

Parameters	Setting
Array Disk?	() Yes (S) No
Hot Spare	() Yes (S) No

A.4 System Resource Chart

The following charts list the I/O port addresses which can be selected for each expansion card.

■ I/O port addresses

Product name	I/O port address (h)	Setup method
Serial port 1		BIOS setup
Serial port 2		BIOS setup
Parallel port 1		BIOS setup

- * indicate 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 (space selected for default)
- indicates that some or all of the 32 bytes that follow the marker address may be (space selected for default)

A.5 RAID Design Sheet

■ Logical drive information

Logical drive (LSU(*))	RAID level	Capacity	Physical drive
(0,0,0,0)	0 ① 5 10	17300 MB	(CH=A) ID= ① ① 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
(0,0,2,0)	0 ① 5 10	17300 MB	(CH=A) ID= 0, 1, ② ③ 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
(, , ,)	0 1 5 10		(CH=A) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
(, , ,)	0 1 5 10		(CH=A) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
(, , ,)	0 1 5 10		(CH=A) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
(, , ,)	0 1 5 10		(CH=A) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
(, , ,)	0 1 5 10		(CH=A) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
(, , ,)	0 1 5 10		(CH=A) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=B) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=0) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 (CH=1) ID= 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

) Shown as "HS (,*,*,*)" for hot spares

■ Physical pack definition

Installation HDD Bay	SCSI-CH	SCSI-ID	Model name	Capacity	LSU(*)
(Example) Bay(1)	CH= (0)	ID= (0)	PG-HDH71K	73.4GB	(0,0,0,0)
(Example) Bay(2)	CH= (0)	ID= (0)	PG-HDH71K	73.4GB	(0,0,0,0)
(Example) Bay(3)	CH= (0)	ID= (0)	PG-HDH71K	73.4GB	(0,0,2,0)
(Example) Bay(4)	CH= (0)	ID= (0)	PG-HDH71K	73.4GB	(0,0,2,0)
Bay()	CH= ()	ID= ()			(, , ,)
Bay()	CH= ()	ID= ()			(, , ,)
Bay()	CH= ()	ID= ()			(, , ,)
Bay()	CH= ()	ID= ()			(, , ,)
Bay()	CH= ()	ID= ()			(, , ,)
Bay()	CH= ()	ID= ()			(, , ,)
Bay()	CH= ()	ID= ()			(, , ,)

) Shown as "HS(,*,*)" for hot spares

B Design Sheet

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

B.1 RAID/Disk Wizard

Parameters		Setting
		<input type="checkbox"/> Logical Drive View <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

B.2 OS Wizard (Windows 2003 Install Wizard)

Parameters	Setting
Install Windows 2003	
Regional settings (with keyboard layout)	<input type="checkbox"/> Use the default regional settings for the Windows-Version you are installing <input type="checkbox"/> Select here ()
Password for Administrator account	
Computer Identification	
Operating System Type	When selecting Windows Server 2003 to install <input type="checkbox"/> Windows Server 2003 R2, Standard Edition <input type="checkbox"/> Windows Server 2003, Standard Edition <input type="checkbox"/> Windows Server 2003, Standard Edition including SP1 When selecting Windows Server 2003 x64 to install <input type="checkbox"/> Windows Server 2003 R2, Standard x64 Edition <input type="checkbox"/> Windows Server 2003, Standard x64 Edition
License Mode	<input type="checkbox"/> per Seat <input type="checkbox"/> per Server
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	
Reote Password	
Installation Directory and Time zone	
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)

(continued)

Parameters	Setting	
User Name		
User Name		
Organization		
Computer Name		
Product-ID	() - - - -	
Display settings		
Resolution	() 640 * 480 () 800 * 600 () 1024 * 768 () 1156 * 864 () 1280 * 1024 () 1600 * 1200	
Vrefresh	() 60 () 70 () 72 () 75 () 80 () 85 () 100	
BitsPerPel	() 16 colors () 256 colors () High Color (16bits) () True Color (24bits) () True Color (32bits)	
Network protocol		
Installation method	() Install Unattended () Install Manually	
Network protocol property (for auto-installation)		
Connection name		
Available Protocols	() TCP/IP () NWIPX () NetBEUI () Apple Talk () DLC () NetMon () PPTP	
Use of DHCP (When TCP/IP selected)	() Use DHCP	
Adapter 1	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 () Use NetBIOS over TCP/IP () 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.

(continued)

Parameters		Setting
(Continuation of Network protocol)		
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
Adapter 2	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.

(continued)

Parameters	Setting
Software Components	
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 Framework 2.0 (English) <input type="checkbox"/> Microsoft .NET Framework 2.0 (International) <input type="checkbox"/> Microsoft .NET Framework 2.0 Languagepack <input type="checkbox"/> Print Management Console <input type="checkbox"/> Storage Manager SAN <input type="checkbox"/> Storage Resource Manager <input type="checkbox"/> Windows Subsystem for UNIX based Applications
Uninstall Components	<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
(Continuation of Software Components)	
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

(continued)

Parameters	Setting
FTP service property (Only when FTP service is selected)	
FTP site directory	(Default - \Inetpub\Ftproot)
WWW service property (Only when WWW service is selected)	
WWW server directory	(Default - \Inetsrv\WWWroot)
Terminal server property (Only when terminal server is selected)	
Terminal service	<input type="checkbox"/> Permit remote desktop during unattended setup
Authorize the following access permits to terminal service users	<input type="checkbox"/> Access permit compatible with Windows 2000 Users <input type="checkbox"/> Access permit compatible with Terminal Server 4.0 Users
License mode	<input type="checkbox"/> Number of simultaneous users <input type="checkbox"/> Number of connected sessions
Current mode for terminal service	<input type="checkbox"/> Application server mode <input type="checkbox"/> Remote management mode
Services	
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)
SNMP details (Only when SNMP is selected)	
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

(continued)

Parameters	Setting
Active Directory details setting (only when DNS is selected)	
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 forest
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	

B.3 OS Wizard (Windows 2000 Install Wizard)

Parameters	Setting
Install Windows 2000	
Regional settings (with keyboard layout)	<input type="checkbox"/> Use the default regional settings for the Windows-Version you are installing <input type="checkbox"/> Select here ()
Password for Administrator	
Computer identification	
OS	<input type="checkbox"/> Windows 2000 Server <input type="checkbox"/> Windows 2000 Server including SP4
License mode	<input type="checkbox"/> per Seat <input type="checkbox"/> per Server
User Permitted	(Only when concurrent users are selected)
Participation	<input type="checkbox"/> a work group <input type="checkbox"/> a domain
Work group 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	
Remote Username	
Remote Password	
Time zone and installation drive	
Select time zone	(Default -(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna)
Installation drive	<input type="checkbox"/> Use default <input type="checkbox"/> Drive name
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 during installation <input type="checkbox"/> Specify in advance
Installation destination	(Default - \winnt)
User information	
Name	
Company name	
Computer name	
Product-ID	() - - - -
Display setting	
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)

(continued)

Parameters	Setting	
Network protocol		
Installation method	<input type="checkbox"/> Auto-installation <input type="checkbox"/> Install driver only	
Network protocol property (when auto-installation is selected)		
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	
Adapter 1	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	(only when selected to use WINS)
NetBIOS Option	<input type="checkbox"/> Use NetBIOS setting from the DHCP Server <input type="checkbox"/> Enable NetBIOS over TCP/IP <input type="checkbox"/> Disable NetBIOS over TCP/IP	
Only when NWIPX is selected		
Internal network number	0x	
Network number	0x	
Frame type	<input type="checkbox"/> Ethernet II <input type="checkbox"/> Ethernet 802.2 <input type="checkbox"/> Ethernet 802.3 <input type="checkbox"/> Ethernet SNAP <input type="checkbox"/> Auto-detection	

Copy this sheet to install multiple adapters.

(continued)

Parameters		Setting
(Continuation of Network protocol)		
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
Adapter 2	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	(only when selected to use WINS)
NetBIOS Option		<input type="checkbox"/> Use NetBIOS setting from the DHCP Server <input type="checkbox"/> Enable NetBIOS over TCP/IP <input type="checkbox"/> Disable NetBIOS over TCP/IP
Only when NWIPX is selected		
Internal network number	0x	
Network number	0x	
Frame type	<input type="checkbox"/> Ethernet II <input type="checkbox"/> Ethernet 802.2 <input type="checkbox"/> Ethernet 802.3 <input type="checkbox"/> Ethernet SNAP <input type="checkbox"/> Auto-detection	

Copy this sheet to install multiple adapters.

(continued)

Parameters	Setting
Software Components	
Select installation method	<input type="checkbox"/> Select component to install
Only when selecting component to install	
Service	<input type="checkbox"/> (IIS) common component <input type="checkbox"/> (IIS) online help <input type="checkbox"/> FTP (File Transfer Protocol) server <input type="checkbox"/> Internet service manager (HTML) <input type="checkbox"/> Internet information service snap-in <input type="checkbox"/> NNTP Service <input type="checkbox"/> SMTP Service <input type="checkbox"/> WWW (World Wide Web) server <input type="checkbox"/> Remote install service <input type="checkbox"/> Remote storage <input type="checkbox"/> Terminal service <input type="checkbox"/> Terminal service license
FTP site directory	(Default - \Inetpub\Ftproot)
WWW Server directory	(Default - \Inetsrv\WWWroot)
Communication	Setting
Multimedia	<input type="checkbox"/> CD player <input type="checkbox"/> Media player <input type="checkbox"/> Utopia sound setting <input type="checkbox"/> Sound recorder <input type="checkbox"/> Volume control <input type="checkbox"/> Sample sound
Accessory	<input type="checkbox"/> Accessibility setting wizard <input type="checkbox"/> Character code table <input type="checkbox"/> Calculator <input type="checkbox"/> Paint <input type="checkbox"/> Word pad <input type="checkbox"/> Document templates <input type="checkbox"/> Script debugger <input type="checkbox"/> Object packager <input type="checkbox"/> Desktop wallpaper
Game	<input type="checkbox"/> Free cell <input type="checkbox"/> Mine sweeper <input type="checkbox"/> Pinball <input type="checkbox"/> Solitaire
Service	
Service	<input type="checkbox"/> Simple Network Management Protocol (SNMP) <input type="checkbox"/> Domain Name System (DNS) <input type="checkbox"/> Dynamic Host Configuration Protocol (DHCP) <input type="checkbox"/> Windows Internet Name Service (WINS) <input type="checkbox"/> Simple TCP/IP service <input type="checkbox"/> Network monitor tool <input type="checkbox"/> Internet authentication service <input type="checkbox"/> Site Server ILS service <input type="checkbox"/> Print service for UNIX <input type="checkbox"/> Print service for Macintosh <input type="checkbox"/> Connection manager component <input type="checkbox"/> File service for Macintosh

(continued)

Parameters	Setting
SNMP details (only when SNMP is selected)	
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

(continued)

Parameters	Setting
Active Directory details setting (only when DNS is selected)	
Install Active Directory	<input type="checkbox"/> Install
Active Directory type	<input type="checkbox"/> Create a new forest of a domain tree <input type="checkbox"/> Add additional domain controller of the existing domain <input type="checkbox"/> Add a new child domain under the existing domain tree <input type="checkbox"/> Place a new domain tree in the existing forest
Database location	
Log location	
SYSVOL folder location	
Access permit compatibility with Windows 2000 or earlier server	<input type="checkbox"/> Permit
Create a new forest of a domain tree (only when selected)	
Complete DNS name of the new tree	
Domain NetBIOS name	
Add additional domain controller of the existing domain (only when selected)	
User name	
Password	
Domain	
Complete DNS name of the domain	
Add a new child domain under the existing domain tree (only when selected)	
User name	
Password	
Domain	
Parent domain name	
Child domain name	
Domain NetBIOS name	
Place a new domain tree in the existing forest (only when selected)	
User name	
Password	
Domain name	
Complete DNS name of the new tree	
Domain NetBIOS name	

B.4 Application Wizard

Parameters	Setting
Installable applications	<input type="checkbox"/> Windows 2000 service pack4 <input type="checkbox"/> Windows Server 2003 service pack1 <input type="checkbox"/> ServerView <input type="checkbox"/> DSNAP <input type="checkbox"/> RAID Management Tool <input type="checkbox"/> Broadcom Advanced Control Suite
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	

C Accident Sheet

Name (Product ID)	<input type="checkbox"/> PRIMERGY TX150 S4 (PG)	
OS		
Environment		
LAN/WAN config.		
DATE/TIME		
Phase of accident	What did you do?, what message? etc.	
	Attached paper	Yes / No

PRIMERGY TX150 S4

Configuration Sheets
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