

Table of corrections in PRIMEQUEST 510A Reference Manual:
Basic Operation/GUI/Commands (C122-E096-01EN)

2009/10/15

Erroneous descriptions that were found in the manual have been corrected as shown below.

No.	Page	Item	Description	
1	2-9	2.6 Basic Operations in Web-UI Windows	Addition	<ul style="list-style-type: none"> • Access procedure <p>The procedure for accessing the MMB from the Web-UI is described below.</p> <p>1 Start a Web browser.</p> <p>Remarks:</p> <ul style="list-style-type: none"> • JavaScript must be enabled on the browser because the MMB Web-UI uses JavaScript. • Download must be enabled on the browser because the MMB Web-UI is used to perform downloads. • If you cannot access the Web-UI even though you have changed the Web security settings, add the URL of the Web-UI to the browser's "trusted sites."
2	3-36	Table 3.8	Incorrect	<p>Altitude</p> <p>Specify in units of 100 meters the altitude at which the PRIMEQUEST system is to be installed.</p> <ul style="list-style-type: none"> - Altitude \leq 1500 m - 1500 m $<$ Altitude \leq 2000 m - 2000 m $<$ Altitude \leq 2500 m - 2500 m $<$ Altitude <p>Default: Altitude \leq 1500 m</p>
			Correct	<p>Altitude</p> <p>Specify in units of 100 meters the altitude at which the PRIMEQUEST system is to be installed.</p> <ul style="list-style-type: none"> - Altitude \leq 600 m - 600 m $<$ Altitude \leq 1500 m - 1500 m $<$ Altitude \leq 2000 m - 2000 m $<$ Altitude \leq 2500 m - 2500 m $<$ Altitude <p>Default: Altitude \leq 600 m</p>
3	5-7	5.2.2 [System Event Log] window	Incorrect	<p>Note: In Windows Server 2008, the following system event log item is displayed for operating system startup, but it does not affect operation.</p> <p>Severity: Info</p> <p>Unit/Source/Event ID: None</p> <p>Description: Binary character string</p>

No.	Page	Item	Description	
			Correct	<p>Note: A description consisting of a binary character string is displayed for each of the following events in the system event log (*1), but it does not affect operation:</p> <ul style="list-style-type: none"> - Operating system startup of Windows Server 2008 - In Windows Server 2008, dynamic SB addition (Hot-Add) or dynamic SB replacement (Hot-Replace) using the Dynamic Partitioning (DP) function - In RHEL 5.2 or later, OS panic occurrence <p>*1 The following items are displayed in the system event log:</p> <p>Severity: Info</p> <p>Unit/Source/Event ID: Blank</p> <p>Description: Binary character string</p>
4	5-20	Table 5.12	Incorrect	<p>The user can specify the altitude of the PRIMEQUEST-series machine installation location.</p> <ul style="list-style-type: none"> - Altitude <= 1500 m - 1500 m < Altitude <= 2000 m - 2000 m < Altitude <= 2500 m - 2500 m < Altitude <p>The default setting is Altitude <= 1500 meters.</p>
			Correct	<p>The user can specify the altitude of the PRIMEQUEST-series machine installation location.</p> <ul style="list-style-type: none"> - Altitude <= 600 m - 600 m < Altitude <= 1500 m - 1500 m < Altitude <= 2000 m - 2000 m < Altitude <= 2500 m - 2500 m < Altitude <p>The default setting is Altitude <= 600 meters.</p>

No.	Page	Item	Description							
5	5-79	5.4.1 [Date/Time] window	Incorrect	Table 5.53 Displayed and setting items in the [Date/Time] window						
				<table><tr><th>Item</th><th>Description</th></tr><tr><td>(Omitted)</td><td>(Omitted)</td></tr><tr><td>The Latest Sync Data/Time</td><td>Date and time of the latest time synchronization between the specified NTP server and the MMB</td></tr></table>	Item	Description	(Omitted)	(Omitted)	The Latest Sync Data/Time	Date and time of the latest time synchronization between the specified NTP server and the MMB
				Item	Description					
			(Omitted)	(Omitted)						
			The Latest Sync Data/Time	Date and time of the latest time synchronization between the specified NTP server and the MMB						
			Correct	Table 5.53 Displayed and setting items in the [Date/Time] window						
<table><tr><th>Item</th><th>Description</th></tr><tr><td>(Omitted)</td><td>(Omitted)</td></tr><tr><td>The Latest Sync Data/Time (*1)</td><td>Date and time of synchronization between the specified NTP server and the MMB. If synchronization cannot be established, "No Sync" is displayed. (*1)</td></tr><tr><td>Current Sync Status (*2)</td><td>Date and time of synchronization between the specified NTP server and the MMB and the IP address of the NTP server with which synchronization is established. If synchronization cannot be established, "No Sync" is displayed. (*2)</td></tr></table>	Item	Description		(Omitted)	(Omitted)	The Latest Sync Data/Time (*1)	Date and time of synchronization between the specified NTP server and the MMB. If synchronization cannot be established, "No Sync" is displayed. (*1)	Current Sync Status (*2)	Date and time of synchronization between the specified NTP server and the MMB and the IP address of the NTP server with which synchronization is established. If synchronization cannot be established, "No Sync" is displayed. (*2)	
Item	Description									
(Omitted)	(Omitted)									
The Latest Sync Data/Time (*1)	Date and time of synchronization between the specified NTP server and the MMB. If synchronization cannot be established, "No Sync" is displayed. (*1)									
Current Sync Status (*2)	Date and time of synchronization between the specified NTP server and the MMB and the IP address of the NTP server with which synchronization is established. If synchronization cannot be established, "No Sync" is displayed. (*2)									
*1 Displayed when using MMB firmware 4.23 or earlier. *2 Displayed when using MMB firmware 4.24 or later.										
6	5-119	5.4.11 [Alarm E-Mail] window	Incorrect	Note: For specifying FQDN, the DNS server must be specified. The DNS server can be specified in [Network Configuration] → [Network Interface].						
			Correct	Note: - The From address for sending mail to the SMTP server when Alarm E-Mail is sent is as follows depending on the format set from [Network Configuration] → [Network Interface]: FQDN format root@[Hostname] Other than FQDN format root@[Hostname].[Hostname] The mail address that is set in From is used as the From address for sending mail to the receiving (To) address. - To specify an FQDN for the SMTP Server name, the DNS server must already be set. The DNS server can be set by selecting [Network Configuration] → [Network Interface].						

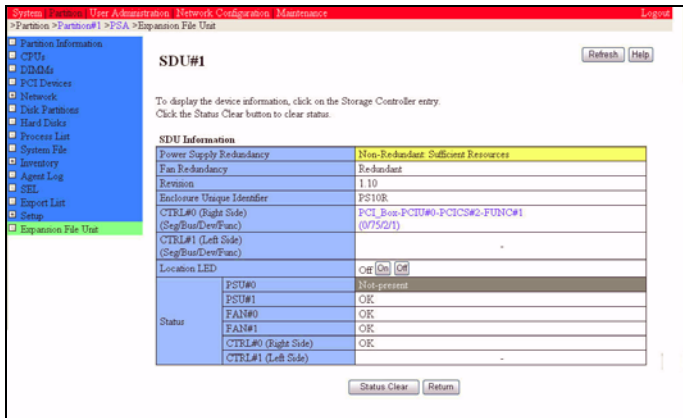

No.	Page	Item	Description											
7	5-118	Table 5.87 Displayed and setting items in the [Alarm E-Mail] window	Addition	<table><tr><th>Item</th><th>Description</th></tr><tr><td>Alarm E-Mail</td><td>Specify whether alarm e-mail is sent for an event that occurs: - Enable: Sends e-mail - Disable: Does not send e-mail</td></tr><tr><td>From:</td><td>Specify the e-mail address that sends the e-mail.(*1)</td></tr><tr><td>To:</td><td>Specify the e-mail address that receives the e-mail.(*1) To specify multiple recipients, delimit addresses with a "," or a ";". You can enter up to 256 characters.</td></tr><tr><td colspan="2">(Omitted)</td></tr></table>	Item	Description	Alarm E-Mail	Specify whether alarm e-mail is sent for an event that occurs: - Enable: Sends e-mail - Disable: Does not send e-mail	From:	Specify the e-mail address that sends the e-mail. (*1)	To:	Specify the e-mail address that receives the e-mail. (*1) To specify multiple recipients, delimit addresses with a "," or a ";". You can enter up to 256 characters.	(Omitted)	
				Item	Description									
				Alarm E-Mail	Specify whether alarm e-mail is sent for an event that occurs: - Enable: Sends e-mail - Disable: Does not send e-mail									
				From:	Specify the e-mail address that sends the e-mail. (*1)									
				To:	Specify the e-mail address that receives the e-mail. (*1) To specify multiple recipients, delimit addresses with a "," or a ";". You can enter up to 256 characters.									
				(Omitted)										
*1 Enter the address in the format "user-name@domain". You can use the following characters:														
For user-name:														
0-9, a-z, A-Z,														
!#\$%&'*/+./=:?^_`{ }~.														
However, the following restrictions apply:														
- "." (dot) cannot be used as the first or the last character.														
- A sequence of multiple "." (dot) characters cannot be specified.														
- user-name must contain at least two characters.														
For domain:														
0-9, a-z, A-Z, "-" (hyphen)														
However, the following restriction applies:														
- The first character must be an alphabetic character, and the last character must be an alphanumeric character.														

No.	Page	Item	Description	
8	6-29	6.3 Display Commands	Addition	<p>6.3.19 show ntpq</p> <p>This command displays the operating status of ntpd.</p> <p>Remarks: MMB firmware version 4.22 or later</p> <p>- Privilege: Any user</p> <p>(1) Synopsis</p> <p>show ntpq</p> <p>(2) Options</p> <p>None</p> <p>(3) Examples</p> <pre># show ntpq remote refid st t when poll reach delay offset jitter ===== *xx.xx.xx.xx zz.zz.zz.zz 4 u 837 1024 377 1.164 -0.347 0.180 YY.YY.YY.YY .STEP. 16 u - 1024 0 0.000 0.000 4000.00 LOCAL(0) LOCAL(0) 5 l 15 64 377 0.000 0.000 0.015 #</pre> <p>6.3.20 netck traceroute</p> <p>This command lists the network paths up to the IP address specified from MMB.</p> <p>Remark: MMB firmware 4.24 or later</p> <p>- Privilege: Any user</p> <p>(1) Synopsis</p> <p>netck traceroute <ip></p> <p>(2) Options</p> <p>None</p> <p>(3) Examples</p> <pre>Administrator > netck traceroute aa.aa.aa.aa traceroute to aa.aa.aa.aa (aa.aa.aa.aa), 30 hops max, 40 byte packets 1 cc.cc.cc (cc.cc.cc.cc) 1.886 ms 0.467 ms 0.386 ms 2 bb.bb.bb.bb (bb.bb.bb.bb) 1.095 ms 1.103 ms 4.117 ms 3 aa.aa.aa.aa (aa.aa.aa.aa) 0.661 ms 0.644 ms 0.616 ms</pre> <p>6.3.21 netck arptbl</p> <p>This command displays the ARP table used in address resolution.</p> <p>Remark: MMB firmware 4.24 or later</p> <p>- Privilege: Any user</p> <p>(1) Synopsis</p> <p>netck arptbl</p> <p>(2) Options</p> <p>None</p> <p>(3) Examples</p> <pre>Administrator > netck arptbl IP address HW type Flags HW address Mask Device xx.xx.xx.xx 0x1 0x2 00:00:0C:07:AC:FB * eth0</pre>

No.	Page	Item	Description
			<p>6.3.22 netck arping</p> <p>This command displays the Ethernet physical address (MAC address) from the IP address.</p> <p>Remark: MMB firmware 4.24 or later</p> <p>- Privilege: Any user</p> <p>(1) Synopsis</p> <p>netck arping <ip></p> <p>(2) Options</p> <p>None</p> <p>(3) Examples</p> <pre> Administrator > netck arping xx.xx.xx.xx ARPING to xx.xx.xx.xx from yy.yy.yy.yy via eth0 Unicast reply from xx.xx.xx.xx [0:0:c:7:ac:fb] 1.157ms Sent 1 probes (1 broadcast(s)) Received 1 reply </pre> <p>6.3.23 netck ifconfig</p> <p>This command displays the network environment setting status.</p> <p>Remark: MMB firmware 4.24 or later</p> <p>- Privilege: Any user</p> <p>(1) Synopsis</p> <p>netck ifconfig</p> <p>(2) Options</p> <p>None</p> <p>(3) Examples</p> <pre> Administrator > netck ifconfig eth0 Link encap:Ethernet HWaddr 00:0B:5D:70:02:FD inet addr:xx.xx.xx.xx Bcast:10.66.251.255 Mask:255.255.255.0 UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 RX packets:961366 errors:0 dropped:201 overruns:0 frame:0 TX packets:284658 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:100 RX bytes:180405536 (172.0 MiB) TX bytes:55246309 (52.6 MiB) Interrupt:60 </pre>

No.	Page	Item	Description	
				<p>6.3.24 netck stat</p> <p>This command lists the port numbers of ports being used by processes in operation.</p> <p>Remark: MMB firmware 4.24 or later</p> <p>- Privilege: Any user</p> <p>(1) Synopsis</p> <p>netck stat</p> <p>(2) Options</p> <p>None</p> <p>(3) Examples</p> <div> Administrator > netck stat Active Internet connections (w/o servers) Proto Recv-Q Send-Q Local Address Foreign Address State tcp 0 0 xx.xx.xx.xx:23 yy.yy.yy.yy:4015 TIME_WAIT </div>
9	7-21	7.5.3 [Fibre Channel] window	Incorrect	- Information on a DISK in the ETERNUS multi-path driver environment is displayed under a PCI device with a multi-path specified. In Linux, [Serial No.], [Disk Capacity], and [Disk Name] are displayed using accurate values only under a PCI device (normally the device with the smallest bus number) with a multipath specified. In Windows, [Serial No.], [Disk Capacity], and [Disk Name] are displayed as "n.a."
			Correct	- Information on a DISK in the ETERNUS multi-path driver environment is displayed under a PCI device with a multi-path specified. In Windows, [Serial No.], [Disk Capacity], and [Disk Name] are displayed as "n.a."
10	7-32	7.8 [Hard Disks] window	Incorrect	Notes: - In the ETERNUS multi-path environment in Linux, only the DISK (with the smallest bus number if there are two or more DISKs,) on one side with a multipath specified is displayed. In Windows, a DISK with a multi-path specified is not displayed.
			Correct	Notes: - In the ETERNUS multi-path environment in Windows, a DISK with a multi-path specified is not displayed.

No.	Page	Item	Description	
11	7-54	7.14 [Export List] Window	Incorrect	<p>The [Export List] window provides the export function, which allows the user to save snapshots of information stored by PSA to files in CSV format.</p> <p>Exporting is performed from the [Export] window.</p> <p>Up to 100 files of export data can be saved. When the number of saved files exceeds 100, the oldest file is deleted and a new file is saved. As long as the number of saved files is less than the maximum number, export data is not deleted unless the user deletes it intentionally.</p> <p>Export data can be downloaded as many times as desired.</p> <p>Downloaded export data is stored in CSV format, allowing it to be read using an application such as EXCEL.</p> <p>Be sure to back up the PSA setting information after changing the PSA settings.</p>
			Correct	<p>The [Export List] window provides the export function, which allows the user to save snapshots of information stored by PSA to files in CSV format.</p> <p>PSA uses this data to manage configuration information for hardware, such as PCI cards and HDDs, recognized by the OS. Be sure to acquire and save this data after any new installation, addition, or replacement of hardware, such as a PCI card or HDD, so as to have up-to-date configuration information.</p> <p>The data can be used as information for failure recovery or system restoration to a previous state.</p> <p>The data cannot be used for error recovery through system restoration to a previous state.</p> <p>Exporting is performed from the [Export] window.</p> <p>Up to 100 files of export data can be saved. When the number of saved files exceeds 100, the oldest file is deleted and a new file is saved. As long as the number of saved files is less than the maximum number, export data is not deleted unless the user deletes it intentionally.</p> <p>Export data can be downloaded as many times as desired.</p> <p>Downloaded export data is stored in CSV format, allowing it to be read using an application such as EXCEL.</p> <p>Be sure to back up the PSA setting information after changing the PSA settings.</p>
12	7-64	7.15.2 [S.M.A.R.T.] window	Incorrect	<p>The target disks are as follows:</p> <ul style="list-style-type: none"> - Internal disks (except disks that do not support S.M.A.R.T. monitoring) - External disks (except RAID units and disks that do not support S.M.A.R.T. monitoring)
			Correct	<p>The target disks are as follows:</p> <ul style="list-style-type: none"> - Internal disks (except disks that do not support S.M.A.R.T. monitoring) - External disks (except RAID units and disks that do not support S.M.A.R.T. monitoring) <p>The disks of the following models are also subject to S.M.A.R.T. monitoring in addition to monitoring by PSA as explained above. When a S.M.A.R.T. event occurs, it is detected by the disk units themselves and, in addition, it is detected by PSA via syslog/event log.</p> <p>Therefore, even if this parameter is set to "Disable," PSA detects a S.M.A.R.T. event and reports it (event ID 10501).</p> <p>Models: MBA3xxxx (FUJITSU AL10LX 3.5 inch), MBB2xxxx (FUJITSU AL10SE 2.5 inch) ST9xxxxx (Seagate 2.5 inch)</p>

No.	Page	Item	Description					
13	7-67	7.16 [Expansion File Unit] Window	Incorrect	Note: The window is displayed when at least one expansion file unit is connected.				
			Correct	Note: The window is displayed when at least one expansion file unit is connected. If the displayed information does not include information for every connected expansion file unit, check for messages in OS logs and other messages related to the expansion file units, and take appropriate measures as necessary.				
14	7-67	Table 7.48 Display items of [Expansion File Unit] window	Incorrect	<table><tr><th>Item</th><th>Description</th></tr><tr><td>Unit</td><td>Displays the identification name of an expansion file unit.</td></tr></table>	Item	Description	Unit	Displays the identification name of an expansion file unit.
			Item	Description				
Unit	Displays the identification name of an expansion file unit.							
Correct	<table><tr><th>Item</th><th>Description</th></tr><tr><td>Unit</td><td>Displays the identification name of an expansion file unit. (This is the ID set for the expansion file unit on the hardware level.)</td></tr></table>	Item	Description	Unit	Displays the identification name of an expansion file unit. (This is the ID set for the expansion file unit on the hardware level.)			
Item	Description							
Unit	Displays the identification name of an expansion file unit. (This is the ID set for the expansion file unit on the hardware level.)							
15	7-68	Figure 7.29 [SDU#x] window (Displayed name of CTRL#x)	Incorrect	"(Right Side)" and "(Left Side)" have been removed respectively from item names "CTRL#0 (Right Side)" and "CTRL#1 (Left Side)." 				
			Correct					

No.	Page	Item	Description	
16	7-69, 7-70	Table 7.51	Incorrect	<p>"(Right Side)" and "(Left Side)" have been removed from the following item names:</p> <p>CTRL#0(Right Side) (Seg/Bus/Dev/Func)</p> <p>CTRL#1(Left Side) (Seg/Bus/Dev/Func)</p> <p>Status-CTRL#0(Right Side)</p> <p>Status-CTRL#1(Left Side)</p>
			Correct	<p>CTRL#0(Seg/Bus/Dev/Func)</p> <p>CTRL#1(Seg/Bus/Dev/Func)</p> <p>Status-CTRL#0</p> <p>Status-CTRL#1</p>
17	8-3	8.2 SAF-TE Operation Command (diskctrl)	Incorrect	<p>Note:</p> <p>- When hot-swapping or hot-adding an internal hard disk for a PRIMEQUEST, simply inserting the hard disk will not allow power to be supplied to the hard disk. You always need to execute the pertinent SAF-TE operation command for power-on.</p>
			Correct	<p>Note:</p> <p>- When hot-swapping or hot-adding an IO Unit internal disk for the PRIMEQUEST server or a disk for the DN423 expansion file unit, simply inserting the hard disk will not allow power to be supplied to the hard disk. You always need to execute the pertinent SAF-TE operation command for power-on.</p> <p>In cases with the DE5300 expansion file unit, there is no need to perform a power-on operation with a SAF-TE operation command, because power is automatically supplied as soon as the hard disk is inserted.</p> <p>- Immediately after a disk in the DE5300 expansion file unit is replaced, the LEDs that were on (Fault LED, Service Action Allowed LED) before the replacement will be turned off.</p> <p>- The Location LEDs for DE5300 expansion file unit slots in which no disks are installed cannot be turned on.</p>
18	8-4	8.2 SAF-TE Operation Command (diskctrl)	Incorrect	<p>-e: Power-off instruction</p> <p>Turns off power to the HDD specified in [Devicename] or the slot of the SAF-TE unit specified in [/dev/sgx/slotno], and turns on the fault LED.</p>
			Correct	<p>-e: Power-off instruction</p> <p>Turns off power to the HDD specified in [Devicename] or the slot of the SAF-TE unit specified in [/dev/sgx/slotno], and turns on the fault LED.</p> <p>(In cases with the DE5300, both the Fault LED (amber) and the Service Action Allowed LED (blue) will be turned on.)</p>
19	8-5	8.2 SAF-TE Operation Command (diskctrl)	Incorrect	<p>-c: Power-on command</p> <p>Turns on power to the slot of the SAF-TE unit specified in [/dev/sgx/slotno].</p>
			Correct	<p>-c: Power-on command</p> <p>Turns on power to the slot of the SAF-TE unit specified in [/dev/sgx/slotno].</p> <p>(For the DE5300, this command option need not be used.)</p>

No.	Page	Item	Description	
20	8-9	8.3 PSA Start/Stop Command (y30FJSVpsa)	Addition	<p>FJSVpsa-1.16.x-x or earlier</p> <p>(1) Synopsis</p> <p>- RedHat</p> <pre>/sbin/service y30FJSVpsa {start stop}</pre> <p>- SUSE</p> <pre>etc/init.d/y30FJSVpsa {start stop}</pre> <p>(2) Options</p> <p>start stop</p> <p>start: Starts PSA.</p> <p>stop: Stops PSA.</p> <p>(3) Examples</p> <p>The following example starts PSA:</p> <p>- RedHat</p> <pre># /sbin/service y30FJSVpsa start</pre> <p>- SUSE</p> <pre># /etc/init.d/y30FJSVpsa start</pre> <p>The following example stops PSA:</p> <p>- RedHat</p> <pre># /sbin/service y30FJSVpsa stop</pre> <p>- SUSE</p> <pre># /etc/init.d/y30FJSVpsa stop</pre> <p>FJSVpsa-1.17.x-x or later</p> <p>(1) Synopsis</p> <p>- RedHat</p> <pre>/sbin/service y30FJSVpsa {start stop status}</pre> <p>- SUSE</p> <pre>/etc/init.d/y30FJSVpsa {start stop status}</pre> <p>(2) Options</p> <p>start stop status</p> <p>start: Starts PSA.</p> <p>stop: Stops PSA.</p> <p>status: Verify the start status</p>

No.	Page	Item	Description	
20	8-9	8.3 PSA Start/Stop Command (y30FJSVpsa)	Addition	<p>(3) Examples</p> <p>The following example starts PSA:</p> <p>- RedHat</p> <pre># /sbin/service y30FJSVpsa start</pre> <p>- SUSE</p> <pre># /etc/init.d/y30FJSVpsa start</pre> <p>The following example stops PSA:</p> <p>- RedHat</p> <pre># /sbin/service y30FJSVpsa stop</pre> <p>- SUSE</p> <pre># /etc/init.d/y30FJSVpsa stop</pre> <p>The following example shows PSA status to verify the start status.</p> <p>- RedHat</p> <pre># /sbin/service y30FJSVpsa status</pre> <p>If the PSA is started, the following message is displayed.</p> <pre>PSA is running</pre> <p>If the PSA is stopped, the following message is displayed.</p> <pre>PSA is stopped(%s)</pre> <p>- SUSE</p> <pre># /etc/init.d/y30FJSVpsa status</pre> <p>If the PSA is started, the following message is displayed.</p> <pre>PSA is running</pre> <p>If the PSA is stopped, the following message is displayed.</p> <pre>PSA is stopped(%s)</pre>

(End of table)