

**Dual Channel Converged Network Adapter (10Gbps)
(MC-0JCE61,MC-0JCE62,MCX0JCE61)**

Configuration Sheet (UEFI) - Hardware Settings -

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■ Notation

Refer below table for notations in this document.

Product Name	Notation
Dual Channel Converged Network Adapter (10Gbps)	CNA, CNA(10Gbps)
Multichannel Mode	UMC (Universal MultiChannel mode)

■ Firmware

This document describes the configurations of the CNA whose firmware version is 10.6.193.1501/10.6.193.23.

■ Trademark

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A. Selection of CNA

In MMB Power Control Menu, select "Force boot into EFI Boot Manager" and set it into the Boot Selector of your partition and power it on.

As EFI is started, EFI Boot Manager is opened. Then, select [Device Manager] in the menu and open it and identify the CNAs on the Device Manager.

CNA is displayed on the Devices List as below.

Emulex 10G NIC: Bus: Dev: Func xx:xx:xx - 00:xx:xx:xx:xx:xx ("xx" part has any value.)

Select the CNA with the bus number on the List and start it's [Emulex NIC Selection] menu.

For the bus number of the CNA, see PCI-Express Slots *1 of the IOU on which the CNA mounted.

*: Bus number is displayed as hexadecimal.

You see the CNA on [Emulex NIC Selection] menu as table below.

Emulex 10G NIC: Bus: Dev: Func xx:xx:xx	Emulex OCe14102-U 10Gb CNA
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■ Devices List Menu

Record configurations of the CNAs into the sheet below, making copies of the sheet below as many as the CNAs mounted on your system.

Record the modified value into the "Selected CNA" column, if you change configuration of the CNA.

CNA	Selected CNA
Emulex 10G NIC: Bus: Dev: Func xx:xx:0 - 00:xx:xx:xx:xx:xx	Bus [] Dev [] Func 0
Emulex 10G NIC: Bus: Dev: Func xx:xx:1 - 00:xx:xx:xx:xx:xx	Bus [] Dev [] Func 1

*: Func 0/1 correspond to Port 0/1 of the CNA respectively.

B. Configuration Sheet of Emulex NIC Selection

Record configurations of the CNAs into the sheet below, making copies of the sheet below as many as the CNAs mounted on your system.

Put "┐" mark into "(" Using Default Setting" unless you change configuration from default setting.

Put "┐" mark into "(" in Setting Values column of the sheet below if you change configuration from default setting.

B.1 Case that Func 0 is selected

■ Emulex NIC Selection Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Firmware Version	: 10.6.193.1501 *2	
IPL Version	: CS2FFTS0	
Bus:Device:Function	: xx:xx:0	
Link Speed	: Link Up	
Multichannel Mode *1	: <input type="text" value="Disable"/>	()Disable ()Enable

*1: If you set [Enable] into [MultiChannel], [NIC Configuration] Menu is not displayed

*2: The current firmware version is displayed here. You may use 10.6.193.1501 or 10.6.193.23.

B.2 Case that Func 1 is selected

■ Emulex NIC Selection Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Firmware Version	: 10.6.193.1501 *2	
IPL Version	: CS2FFTS0	
Bus:Device:Function	: xx:xx:1	
Link Speed	: Link Up	
Multichannel Mode *1	: <input type="text" value="Disable"/>	()Disable ()Enable

*1: [NIC Configuration] Menu is not displayed if you'd set [Enable] into [MultiChannel Mode].

*2: The current firmware version is displayed here. You may use 10.6.193.1501 or 10.6.193.23.

C. Controller Configuration (non UMC) Sheet

Set [Disable] into [Multichannel Mode] on Emulex NIC Selection Menu.

【Caution】 In any menu, Select [Save Configuration] or [Save] and enter it if you make any change.

C.1 Case that Func 0 is selected

At first, set Personalities of the CNAs.

【Caution】 Be sure to reboot the partition if you change Personalities of the CNAs.

■ Personality Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Personality Selection	FCoE	()NIC ()iSCSI ()FCoE ()NIC+RoCE ()Custom
NIC+ROCE *1	ROCE-2	()ROCE-1 ()ROCE-2
Function 0 *2	NIC	
Function 2 *2 *3	FCoE	()iSCSI ()FCoE ()NONE
Function 4 *2 *3	NONE	()iSCSI ()FCoE ()NONE

*1: This is displayed if you'd set [NIC+RoCE] into [Personality Selection].

*2: This is displayed if you'd set [Custom] into [Personality Selection].

*3: You cannot select [FCoE] for Function 4 if you'd selected [FCoE] for Function 2.

As same, you cannot select [iSCSI] for Function 4 if you'd selected [iSCSI] for Function 2.

■ View Configuration SubMenu

Displayed Items		Notes
Function 0 - NIC:		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
SRIOV *1	Disabled	
Function 2 - nnnn: *2		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
SRIOV *1	Disabled	
Function 4 - nnnn: *2		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
SRIOV *1	Disabled	

*1: If you set [Enable] on [Configure SRIOV] menu, [Enabled] is displayed.

*2: If you select [Custom] on [Personality Selection], this part is displayed. "nnnn" is Function you selected on the menu.

■ Configure SRIOV SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Function 0	Disable	()Disable ()Enable

■NIC Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
PXE Boot	Enable	()Disable ()Enable
Virtual LAN Mode	Disable	()Disable ()Enable
Virtual LAN ID *1	1 (1-4094)	[]
Virtual LAN Priority *1	0 (0-7)	[]

*1: If you set [Enable] into [Virtual LAN Mode], you can change the value of these items.

C.2 Case that Func 1 is selected

At first, set Personalities of the CNAs.
【Caution】 Be sure to reboot the partition if you change Personalities of the CNAs.

■ Personality Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Personality Selection	NIC	()NIC ()NIC+RoCE ()Custom
NIC+RoCE *1	RoCE-2	()RoCE-1 ()RoCE-2
Function 1 *2	NIC	
Function 3 *2 *3	FCoE	()iSCSI ()FCoE ()NONE
Function 5 *2 *3	NONE	()iSCSI ()FCoE ()NONE

*1: This is displayed if you'd set [NIC+RoCE] into [Personality Selection].
*2: This is displayed if you'd set [Custom] into [Personality Selection].
*3: You cannot select [FCoE] for Function 5 if you'd selected [FCoE] for Function 3.
As same, you cannot select [iSCSI] for Function 5 if you'd selected [iSCSI] for Function 3.

■ View Configuration SubMenu

■ View Configuration SubMenu

Displayed Items	Notes
Function 1 - NIC:	
Permanent MAC	00:xx:xx:xx:xx:xx
Current MAC	00:xx:xx:xx:xx:xx
Logical Link Status	Link Up
SRIOV *1	Disabled
Function 3 - nnnn: *2	
Permanent MAC	00:xx:xx:xx:xx:xx
Current MAC	00:xx:xx:xx:xx:xx
Logical Link Status	Link Up
SRIOV *1	Disabled
Function 5 - nnnn: *2	
Permanent MAC	00:xx:xx:xx:xx:xx
Current MAC	00:xx:xx:xx:xx:xx
Logical Link Status	Link Up
SRIOV *1	Disabled

*1: If you set [Enable] on [Configure SRIOV] menu, [Enabled] is displayed.

*2: If you select [Custom] on [Personality Selection], this part is displayed. "nnnn" is Function you selected on the menu.

■ Configure SRIOV SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Function 1	Disable	()Disable ()Enable

■NIC Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
PXE Boot	Enable	()Disable ()Enable
Virtual LAN Mode	Disable	()Disable ()Enable
Virtual LAN ID *1	1 (1-4094)	[]
Virtual LAN Priority *1	0 (0-7)	[]

*1: If you set [Enable] into [Virtual LAN Mode], you can change the value of these items.

D. Controller Configuration (UMC) Sheet

Set [Enable] into [Multichannel Mode] on Emulex NIC Selection Menu.

You cannot set [Enable] into [Multichannel Mode] if you'd set [Enable] into [Configure SRIOV] or set [NIC+RoCE] into [Personality Selection].

【Caution】 In any menu, Select [Save Configuration] or [Save] and enter it if you make any change.

D.1 Case that Func 0 is selected

At first, set Personalities of the CNA.

■ Personality Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Personality Selection	NIC	()NIC ()iSCSI ()FCoE ()Custom
Function 0 *1	NIC	
Function 2 *1 *2	FCoE	()NIC ()iSCSI ()FCoE ()NONE
Function 4 *1 *2	NIC	()NIC ()iSCSI ()FCoE ()NONE
Function 6 *1	NIC	()NIC ()NONE
Function 8 *1	NONE	()NIC ()NONE
Function 10 *1	NONE	()NIC ()NONE
Function 12 *1	NONE	()NIC ()NONE
Function 14 *1	NONE	()NIC ()NONE

*1: This is displayed if you'd set [Custom] into [Personality Selection].

*2: You cannot select [FCoE] for Function 4 if you'd selected [FCoE] for Function 2.

As same, you cannot select [iSCSI] for Function 4 if you'd selected [iSCSI] for Function 2.

■ Controller Configuration Menu

■ View Configuration SubMenu

Displayed Items		Notes
Function 0 - NIC:		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 2 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 4 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 6 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 8 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 10 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 12 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 14 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.

*1: If you select [Custom] on [Personality Selection], this part is displayed. "nnnn" is Function you selected on the menu.

■ Configure Bandwidth SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Configure Minimum Bandwidth		
Function 0	13%	[]
Function 2	13%	[]
Function 4	13%	[]
Function 6	13%	[]
Function 8	0%	[]
Function 10	0%	[]
Function 12	0%	[]
Function 14	0%	[]
Configure Maximum Bandwidth		
Function 0	100%	[]
Function 2	100%	[]
Function 4	100%	[]
Function 6	100%	[]
Function 8	0%	[]
Function 10	0%	[]
Function 12	0%	[]
Function 14	0%	[]

■ Configure LPVID Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Function 0	0	[]
Function 2	0	[]
Function 4	0	[]
Function 6	0	[]
Function 8	0	[]
Function 10	0	[]
Function 12	0	[]
Function 14	0	[]

D.2 Case that Func 1 is selected

At first, set Personalities of the CNA.

【Caution】 Be sure to reboot the partition if you change Personalities of the CNAs.

■ Personality Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Personality Selection	NIC	()NIC ()iSCSI ()FCoE ()Custom
Function 1 *1	NIC	
Function 3 *1 *2	NIC	()NIC ()iSCSI ()FCoE ()NONE
Function 5 *1 *2	NIC	()NIC ()iSCSI ()FCoE ()NONE
Function 7 *1	NIC	()NIC ()NONE
Function 9 *1	NONE	()NIC ()NONE
Function 11 *1	NONE	()NIC ()NONE
Function 13 *1	NONE	()NIC ()NONE
Function 15 *1	NONE	()NIC ()NONE

*1: This is displayed if you'd set [Custom] into [Personality Selection].

*2: You cannot select [FCoE] for Function 5 if you'd selected [FCoE] for Function 3.

As same, you cannot select [iSCSI] for Function 5 if you'd selected [iSCSI] for Function 3.

■ Controller Configuration Menu

■ View Configuration SubMenu

Displayed Items		Notes
Function 1 - NIC:		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 3 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 5 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 7 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 9 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 11 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 13 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.
Function 15 - nnnn: *1		
Permanent MAC	00:xx:xx:xx:xx:xx	
Current MAC	00:xx:xx:xx:xx:xx	
Logical Link Status	Link Up	
Bandwidth	yy% - yy%	The value set into [Configure Bandwidth] is displayed.
LPVID	zz	The value set into [Configure LPVID] is displayed.

*1: If you select [Custom] on [Personality Selection], this part is displayed. "nnnn" is Function you selected on the menu.

■ Configure Bandwidth SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Configure Minimum Bandwidth		
Function 1	13%	[]
Function 3	13%	[]
Function 5	13%	[]
Function 7	13%	[]
Function 9	0%	[]
Function 11	0%	[]
Function 13	0%	[]
Function 15	0%	[]
Configure Maximum Bandwidth		
Function 1	100%	[]
Function 3	100%	[]
Function 5	100%	[]
Function 7	100%	[]
Function 9	0%	[]
Function 11	0%	[]
Function 13	0%	[]
Function 15	0%	[]

■ Configure LPVID Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Function 1	0	[]
Function 3	0	[]
Function 5	0	[]
Function 7	0	[]
Function 9	0	[]
Function 11	0	[]
Function 13	0	[]
Function 15	0	[]

E. Configuration Sheet of FCoE

Record the configurations of SAN Boot on FCoE if you run it.
Open Devices List in the way as same as chapter A.

The configuration of FCoE is displayed in Devices List as below.

Oce14102-U Function x - FCoE ("x" part has any value.)

Select the FCoE with the bus number(Bus#:) and function number(Func#:) in [Oce14102-U Function x -FCoE] menu.

Bus number is displayed as hexadecimal in [Oce14102-U Function x -FCoE] menu.

■ Devices List Menu

Record the configurations of FCoE, making copies of the sheet below as many as the CNAs mounted on your system.
Record the modified value into "[]" in the "Selected FCoE" column, if you change configuration of the CNA.

FCoE	Selected FCoE
Oce14102-U Function x - FCoE	Bus [] Dev [] Func []
Oce14102-U Function x - FCoE	Bus [] Dev [] Func []

* Function number is displayed as "2" or "3" or "4" or "5" corresponding to the value set in Personality Menu.

E.1 Case that Func 2 is selected

■ FCoE Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Set Boot from SAN *1	Disable	()Disable ()Enable

*1: Select [Enable] if you run SAN Boot on FCoE.

■ Configure HBA and Boot Parameters Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Configure HBA Parameters PLOGI Retry Timer	Disable - Default	()Disable - Default ()50 msec. ()100 msec. ()200 msec.
Configure Boot Parameters Maximum Luns/Target	256	[]
Boot Target Scan Method	Boot Path from NVRAM Targets	()Boot Path From NVRAM Targets ()Boot Path Discovered Targets ()Do Not Create Boot Path ()EFIFCScanLevel: NVRAM Targets ()EFIFCScanLevel: Discovered Targets
Delay Device Discovery	0	[]

E.2 Case that Func 3 is selected

■FCoE Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Set Boot from SAN *1	Disable	()Disable ()Enable

*1: Select [Enable] if you run SAN Boot on FCoE.

■Configure HBA and Boot Parameters Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Configure HBA Parameters PLOGI Retry Timer	Disable - Default	()Disable - Default ()50 msec. ()100 msec. ()200 msec.
Configure Boot Parameters Maximum Luns/Target	256	[]
Boot Target Scan Method	Boot Path from NVRAM Targets	()Boot Path From NVRAM Targets ()Boot Path Discovered Targets ()Do Not Create Boot Path ()EFIFCScanLevel: NVRAM Targets ()EFIFCScanLevel: Discovered Targets
Delay Device Discovery	0	[]

E.3 Case that Func 4 is selected

■FCoE Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Set Boot from SAN *1	Disable	()Disable ()Enable

*1: Select [Enable] if you run SAN Boot on FCoE.

■Configure HBA and Boot Parameters Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Configure HBA Parameters PLOGI Retry Timer	Disable - Default	()Disable - Default ()50 msec. ()100 msec. ()200 msec.
Configure Boot Parameters Maximum Luns/Target	256	[]
Boot Target Scan Method	Boot Path from NVRAM Targets	()Boot Path From NVRAM Targets ()Boot Path Discovered Targets ()Do Not Create Boot Path ()EFIFCScanLevel: NVRAM Targets ()EFIFCScanLevel: Discovered Targets
Delay Device Discovery	0	[]

E.4 Case that Func 5 is selected

■ FCoE Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Set Boot from SAN *1	Disable	() Disable () Enable

*1: Select [Enable] if you run SAN Boot on FCoE.

■ Configure HBA and Boot Parameters Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Configure HBA Parameters		
PLOGI Retry Timer	Disable - Default	() Disable - Default () 50 msec. () 100 msec. () 200 msec.
Configure Boot Parameters		
Maximum Luns/Target	256	[
Boot Target Scan Method	Boot Path from NVRAM Targets	() Boot Path From NVRAM Targets () Boot Path Discovered Targets () Do Not Create Boot Path () EFIFCScanLevel: NVRAM Targets () EFIFCScanLevel: Discovered Targets
Delay Device Discovery	0	[

F. Configuration Sheet of iSCSI

Record the configurations of SAN Boot on iSCSI if you run it.
Open Devices List in the way as same as chapter A.

The configuration of iSCSI is displayed in Devices List as below.

Emulex iSCSI Utility - zz:zz:zz ("zz" part has any value.)

Select the iSCSI with the bus number in the Devices List, then, [Controller Configuration Menu] starts.

You can see the bus number of the CNA on PCI-Express Slot in IOU on which the CNA mounted.

*: Bus number is displayed as hexadecimal.

■ Devices List Menu

Record the configurations of iSCSI, making copies of the sheet below as many as the CNAs mounted on your system.
Record the modified value into "[]" in the "Selected iSCSI" column, if you change configuration of the CNA.

iSCSI	Selected iSCSI
Emulex iSCSI Utility - zz:zz:zz	Bus [] Dev [] Func []
Emulex iSCSI Utility - zz:zz:zz	Bus [] Dev [] Func []

*: Function number is displayed as "2" or "3" or "4" or "5" corresponding to the value set in Personality Menu.

F.1 Case that Func 2 is selected

■ Controller Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Initiator Name	iqn.1990-07.com.emulex: 00-xx-xx-xx-xx-xx	[]
Boot Support *1	Enable	()Disable ()Enable
MPIO Configuration	Disable	()Disable ()Enable

*1: Select [Enable] if you run SAN Boot on iSCSI.

■ Controller Properties Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Controller Model Number	OCe14102-U	
Controller Description	Emulex OCe14102-U 10Gb CNA	
BIOS Version	v106.00a13	
Firmware Version	10.6.193.1501 *1	
Discover Boot Target via	Disable	()Disable ()Enable

*1: The current firmware version is displayed here. You may use 10.6.193.1501 or 10.6.193.23.

■ Network Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
MAX Address	00-xx-xx-xx-xx-xx	
Port Speed	N/A	
Link Status	Link up	
IP Version	DUAL MODE	()IPV4 ()IPV6 ()DUAL MODE

■ Configure IPV4 Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Initiator IP via DHCP	Disable	()Disable ()Enable

■ Configure Static IP Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
IP Address	0.0.0.0	[]
Subnet Mask	0.0.0.0	[]
Default Gateway	0.0.0.0	[]

■ Configure IPV6 Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
AutoConfiguration	Enable	()Disable ()Enable

■ Configure IPV6 Address SubMenu2

() Using Default Settings

Setting Items	Default Settings	Setting Values
Link Local Address	xxxx::xxxx:xxxx:xxxx:xxxx	[]
Routable Address 1	-	[]
Routable Address 2	-	[]
Default Gateway Address	::	[]

*: This part can be set if you'd set [Disable] into [AutoConfiguration] in [Configure IPV6 Address] menu.

■ Configure VLAN ID/Priority SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
VLAN Support	Disable	()Disable ()Enable
VLAN ID *1	0	[]
VLAN Priority *1	0	[]

*1: This part is displayed if you'd set [Enable] into [VLAN Support].

■ iSCSI Target Configuration Menu

■ Add Target SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Target Name	-	[]
IP Version	IPv4	()IPv4 ()IPv6
iSCSI Target IP Address	-	[]
TCP Port Number	3260	[]
BladeEngine Port Number	0	
ISID Qualifier	1	[]
Boot Target	None	()None ()Primary ()Secondary
Header Digest	No	()Yes ()No
Data Digest	No	()Yes ()No
Authentication Method	None	()None ()One-way CHAP ()Mutual CHAP
Target CHAP Name *1	-	[]
Target Secret *1	-	[]
Target Secret *2	-	[]
Target Secret *2	-	[]

*1: This part is displayed if you'd set [One-way CHAP] into [Authentication Method].

*2: This part is displayed if you'd set [Mutual CHAP] into [Authentication Method].

F.2 Case that Func 3 is selected

■ Controller Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Initiator Name	iqn.1990-07.com.emulex: 00-xx-xx-xx-xx-xx	[
Boot Support *1	<input type="checkbox"/> Enable	()Disable ()Enable
MPIO Configuration	<input type="checkbox"/> Disable	()Disable ()Enable

*1: Select [Enable] if you run SAN Boot on iSCSI.

■ Controller Properties Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Controller Model Number	OCe14102-U	
Controller Description	Emulex OCe14102-U 10Gb CNA	
BIOS Version	v106.00a13	
Firmware Version	10.6.193.1501 *1	
Discover Boot Target via	<input type="checkbox"/> Disable	()Disable ()Enable

*1: The current firmware version is displayed here. You may use 10.6.193.1501 or 10.6.193.23.

■ Network Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
MAX Address	00-xx-xx-xx-xx-xx	
Port Speed	N/A	
Link Status	Link up	
IP Version	DUAL MODE	()IPV4 ()IPV6 ()DUAL MODE

■ Configure IPV4 Address Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Initiator IP via DHCP	Disable	()Disable ()Enable

■ Configure Static IP Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
IP Address	0.0.0.0	[]
Subnet Mask	0.0.0.0	[]
Default Gateway	0.0.0.0	[]

■ Configure IPV6 Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
AutoConfiguration	Enable	()Disable ()Enable

■ Configure IPV6 Address SubMenu2

() Using Default Settings

Setting Items	Default Settings	Setting Values
Link Local Address	xxxx::xxxx:xxxx:xxxx:xxxx	[]
Routable Address 1	-	[]
Routable Address 2	-	[]
Default Gateway Address	::	[]

*: This part can be set if you'd set [Disable] into [AutoConfiguration] in [Configure IPV6 Address] menu.

■ Configure VLAN ID/Priority SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
VLAN Support	Disable	()Disable ()Enable
VLAN ID *1	0	[]
VLAN Priority *1	0	[]

*1: This part is displayed if you'd set [Enable] into [VLAN Support].

■ iSCSI Target Configuration Menu

■ Add Target SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Target Name	-	[]
IP Version	IPv4	()IPv4 ()IPv6
iSCSI Target IP Address	-	[]
TCP Port Number	3260	[]
BladeEngine Port Number	0	
ISID Qualifier	1	[]
Boot Target	None	()None ()Primary ()Secondary
Header Digest	No	()Yes ()No
Data Digest	No	()Yes ()No
Authentication Method	None	()None ()One-way CHAP ()Mutual CHAP
Target CHAP Name *1	-	[]
Target Secret *1	-	[]
Target Secret *2	-	[]
Target Secret *2	-	[]

*1: This part is displayed if you'd set [One-way CHAP] into [Authentication Method].

*2: This part is displayed if you'd set [Mutual CHAP] into [Authentication Method].

F.3 Case that Func 4 is selected

■ Controller Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Initiator Name	iqn.1990-07.com.emulex: 00-xx-xx-xx-xx-xx	[
Boot Support *1	<input type="checkbox"/> Enable	()Disable ()Enable
MPIO Configuration	<input type="checkbox"/> Disable	()Disable ()Enable

*1: Select [Enable] if you run SAN Boot on iSCSI.

■ Controller Properties Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Controller Model Number	OCe14102-U	
Controller Description	Emulex OCe14102-U 10Gb CNA	
BIOS Version	v106.00a13	
Firmware Version	10.6.193.1501 *1	
Discover Boot Target via	<input type="checkbox"/> Disable	()Disable ()Enable

*1: The current firmware version is displayed here. You may use 10.6.193.1501 or 10.6.193.23.

■ Network Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
MAX Address	00-xx-xx-xx-xx-xx	()IPV4 ()IPV6 ()DUAL MODE
Port Speed	N/A	
Link Status	Link up	
IP Version	DUAL MODE	

■ Configure IPV4 Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Initiator IP via DHCP	Disable	()Disable ()Enable

■ Configure Static IP Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
IP Address	0.0.0.0	[]
Subnet Mask	0.0.0.0	[]
Default Gateway	0.0.0.0	[]

■ Configure IPV6 Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
AutoConfiguration	Enable	()Disable ()Enable

■ Configure IPV6 Address SubMenu2

() Using Default Settings

Setting Items	Default Settings	Setting Values
Link Local Address	xxxx::xxxx:xxxx:xxxx:xxxx	[]
Routable Address 1	-	[]
Routable Address 2	-	[]
Default Gateway Address	::	[]

*: This part can be set if you'd set [Disable] into [AutoConfiguration] in [Configure IPV6 Address] menu.

■ Configure VLAN ID/Priority SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
VLAN Support	Disable	()Disable ()Enable
VLAN ID *1	0	[]
VLAN Priority *1	0	[]

*1: This part is displayed if you'd set [Enable] into [VLAN Support].

■ iSCSI Target Configuration Menu

■ Add Target SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Target Name	-	[]
IP Version	IPv4	()IPv4 ()IPv6
iSCSI Target IP Address	-	[]
TCP Port Number	3260	[]
BladeEngine Port Number	0	
ISID Qualifier	1	[]
Boot Target	None	()None ()Primary ()Secondary
Header Digest	No	()Yes ()No
Data Digest	No	()Yes ()No
Authentication Method	None	()None ()One-way CHAP ()Mutual CHAP
Target CHAP Name *1	-	[]
Target Secret *1	-	[]
Target Secret *2	-	[]
Target Secret *2	-	[]

*1: This part is displayed if you'd set [One-way CHAP] into [Authentication Method].

*2: This part is displayed if you'd set [Mutual CHAP] into [Authentication Method].

F.4 Case that Func 5 is selected

■ Controller Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Initiator Name	iqn.1990-07.com.emulex: 00-xx-xx-xx-xx-xx	[
Boot Support *1	<input type="checkbox"/> Enable	()Disable ()Enable
MPIO Configuration	<input type="checkbox"/> Disable	()Disable ()Enable

*1: Select [Enable] if you run SAN Boot on iSCSI.

■ Controller Properties Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Controller Model Number	OCe14102-U	
Controller Description	Emulex OCe14102-U 10Gb CNA	
BIOS Version	v106.00a13	
Firmware Version	10.6.193.1501 *1	
Discover Boot Target via	<input type="checkbox"/> Disable	()Disable ()Enable

*1: The current firmware version is displayed here. You may use 10.6.193.1501 or 10.6.193.23.

■ Network Configuration Menu

() Using Default Settings

Setting Items	Default Settings	Setting Values
MAX Address	00-xx-xx-xx-xx-xx	
Port Speed	N/A	
Link Status	Link up	
IP Version	DUAL MODE	()IPV4 ()IPV6 ()DUAL MODE

■ Configure IPV4 Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
Initiator IP via DHCP	Disable	()Disable ()Enable

■ Configure Static IP Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
IP Address	0.0.0.0	[]
Subnet Mask	0.0.0.0	[]
Default Gateway	0.0.0.0	[]

■ Configure IPV6 Address SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
AutoConfiguration	Enable	()Disable ()Enable

■ Configure IPV6 Address SubMenu2

() Using Default Settings

Setting Items	Default Settings	Setting Values
Link Local Address	xxxx::xxxx:xxxx:xxxx:xxxx	[]
Routable Address 1	-	[]
Routable Address 2	-	[]
Default Gateway Address	::	[]

*: This part can be set if you'd set [Disable] into [AutoConfiguration] in [Configure IPV6 Address] menu.

■ Configure VLAN ID/Priority SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
VLAN Support	Disable	()Disable ()Enable
VLAN ID *1	0	[]
VLAN Priority *1	0	[]

*1: This part is displayed if you'd set [Enable] into [VLAN Support].

■ iSCSI Target Configuration Menu

■ Add Target SubMenu

() Using Default Settings

Setting Items	Default Settings	Setting Values
iSCSI Target Name	-	[]
IP Version	IPv4	()IPv4 ()IPv6
iSCSI Target IP Address	-	[]
TCP Port Number	3260	[]
BladeEngine Port Number	0	
ISID Qualifier	1	[]
Boot Target	None	()None ()Primary ()Secondary
Header Digest	No	()Yes ()No
Data Digest	No	()Yes ()No
Authentication Method	None	()None ()One-way CHAP ()Mutual CHAP
Target CHAP Name *1 *2	-	[]
Target Secret *1 *2	-	[]
Target Secret *2	-	[]
Target Secret *2	-	[]

*1: This part is displayed if you'd set [One-way CHAP] into [Authentication Method].

*2: This part is displayed if you'd set [Mutual CHAP] into [Authentication Method].

G Error Report Sheet

[illegible]

**Dual Channel Converged Network Adapter (10Gbps)
(MC-0JCE61,MC-0JCE62,MCX0JCE61)**

**Configuration Sheet
CA92344-0923-02**

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