

## Appendix A

# Landslide Test Server NIC Configurations

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This appendix contains important information regarding your shipment of Landslide Test Server NICs. Test Server card slot identification and NIC placement is dependent on the server model; this section contains information for the Landslide 7100ts Test Servers.

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## Supported NIC and IPsec Accelerator Cards

**Table A-1.** Landslide NIC and IPsec Accelerators

Part Number	Type	Description
L-ACC-004	Quad-core IPsec Accelerator Card	Four core, PCI-E x4 IPsec accelerator card
L-NIC-10	10 Gigabit Ethernet Server adaptor	PCI-E x8, Single-port, 10GBase-SR server NIC
L-NIC-11	Quad-port, 1 Gigabit fiber Ethernet Server adaptor	Quad-port, PCI-E x4, 1000Base-SX, Multi-mode fiber w/ LC connectors
L-NIC-22	Quad-port, 1 Gigabit copper Ethernet Server adaptor	Quad-port, PCI-E x4, 10Base-T, 100Base-TX, 1000Base-T, Cat-5, UTP, 4-Pair
NIC-24	Single-port, ATM Multi-mode NIC	Single-port, PCI v2.2, ATM over OC-3c/STM1, Multi-mode fiber, w/ SC connectors
NIC-25	Single-port, ATM Single-mode fiber NIC	Single-port, PCI v2.2, ATM over OC-3c/STM1, Single-mode fiber, w/ SC connectors

## Landslide 7100ts NIC, Slot and Port Assignments

These guidelines apply to placement of NICs in the Landslide 7100ts Test Server card slots.

- The Test Server supports up to three Ethernet NICs.
- Three Ethernet NICs provide the optimum performance when the Data or Performance Accelerator option (L-FT-032-A or L-FT-032-B) is installed.
- L-ACC-004 IPsec Accelerator card must be placed in Slot 1.
- L-NIC-10 can be run in slot 2, 3 or 4 but installing in slot 2 will result in a decrease in performance by ~10% compared to slot 3 and 4.
- Only Gb1 (eth0) of the on-board NICs is used. (Gb2, Gb3, and Gb4 are unused and can be covered if desired).
- Gb1 (eth0) is reserved for the Management connection

**Table A-2.** Quad-port, Gigabit Ethernet NIC Configurations

Configuration	Slot 1	Slot 2	Slot 3	Slot 4
Single quad-port copper, fiber or mixed		L-NIC-11 or 22 Ports eth2 to eth5		

**Table A-2.** Quad-port, Gigabit Ethernet NIC Configurations (continued)

Configuration	Slot 1	Slot 2	Slot 3	Slot 4
Dual quad-port copper, fiber or mixed		L-NIC-11 or 22 Ports eth2 to eth5		L-NIC-11 or 22 Ports eth6 to eth9
Three quad-port copper, fiber or mixed		L-NIC-11 or 22 Ports eth2 to eth5	L-NIC-11 or 22 Ports eth10 to eth13	L-NIC-11 or 22 Ports eth6 to eth9

**Table A-3.** Mixed Quad-port Gigabit and 10 Gigabit NIC Configurations

Configuration	Slot 1	Slot 2	Slot 3	Slot 4
Single 10 Gigabit and single quad-port copper, fiber or mixed		L-NIC-11 or 22 Ports eth2 to eth5		L-NIC-10 Port eth6
Single 10 Gigabit and dual quad-port copper, fiber or mixed		L-NIC-11 or 22 Ports eth2 to eth5	L-NIC-10 Port eth10	L-NIC-11 or 22 Ports eth6 to eth9
Dual 10 Gigabit and Single quad-copper, fiber or mixed		L-NIC-11 or 22 Ports eth2 to eth5	L-NIC-10 Port eth7	L-NIC-10 Port eth6

**Table A-4.** 10 Gigabit NIC Configurations

Configuration	Slot 1	Slot 2	Slot 3	Slot 4
Single 10 Gigabit fiber NIC				L-NIC-10 Port eth2
Dual 10 Gigabit fiber NIC			L-NIC-10 Port eth3	L-NIC-10 Port eth2
Three 10 Gigabit fiber NIC		L-NIC-10 Port eth2	L-NIC-10 Port eth4	L-NIC-10 Port eth3

See [page 26](#) for information about mixed Ethernet and ATM Configurations.

## Mixed Ethernet and ATM Configurations

ATM NICs should be placed in slots 3 or 4 only. ATM NICs can be mixed with an L-ACC-004 in slot 1 or an Ethernet NIC in slot 2. If only one ATM NIC is installed, slots 2 and 3 can contain Ethernet NICs.

The first (lowest slot number) ATM NIC is Port atm0. The second ATM NIC is Port atm1.