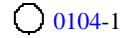


B1FY-A510-03-00



README.1ST

Additional Disk for RAID Card

(For GP5U141/142, GP5-143/144/145/146
on Windows 2000 server)

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Introduction

Thank you for purchasing the RAID Card. Accompanying this card is a floppy disk entitled "Additional Disk for RAID Card". This "Additional Disk for RAID Card" is used to activate the "Mylex RAID Monitor" which is an additional function used to monitor RAID cards when used with either Servervisor or the Intel® LANDesk® Server Manager.

This README explains the installation/uninstallation procedure as well as provides supplementary notes to ensure the proper setup of the "Mylex RAID Monitor".

The following abbreviation is used in this README:

Intel® LANDesk® Server Manager → LDSM

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1. Overview

To properly monitor a server, it is important not only to monitor the server's main body but also any installed option cards and/or peripherals.

This section describes the product configuration of the "Mylex RAID Monitor" which is a function that monitors the RAID cards.

1.1 Mylex RAID Monitor

"Mylex RAID Monitor" works on Servervisor or LDSM V6.0 L45 or later (LDSM 6.0), and monitors the RAID cards and the hard disks connected to the RAID card. By installing this software, Servervisor or LDSM can notify the system if a problem occurs as well as monitor the status of the device.

1.2 The Contents of the Package

The contents of the “Mylex RAID Monitor” which accompanies this RAID card are listed below:

- (1) The “README.1ST Additional Disk for RAID Card” (this paper)
- (2) The “Additional Disk for RAID Card GP5-141/142/143/144/145/146, GP5U141/142 L25A (Servervisor / Intel® LANDesk® Server Manager V6.0) Disk1”

One 3.5-inch floppy disk is provided (hereafter, called “Additional Disk”). This “Additional Disk” when used with either Servervisor or LDSM 6.0, includes the following software:

- the monitor software on the Windows 2000 server system
- the console software on the management terminal (only using LDSM)
- the Help file (only using LDSM)

Note

- This “Additional Disk” is the floppy disk for Windows 2000 server. When using the “Mylex RAID Monitor” on Windows NT server, use the following “Additional Disk” which accompanies this RAID card:

For GP5U141/142

Additional Disks for RAID Card GP5U141/142 L20A

For GP5-143/144/145/146

Additional Disk for RAID Card GP5-143/144/145/146 L20

- (3) END-USER LICENSE AGREEMENT (1 sheet)

Note

- Other than the above, the 2 included sheets written in Japanese are invalid.

2. Preparing for installation

Before installing the “Mylex RAID Monitor” software, check the network environment and present state of the system in advance for any limitations according to the method of operation.

This section explains the necessary system environment and any limitations to check for before installing this software.

2.1 System Requirements



- Make sure that Servervisor or LDSM 6.0 is properly setup before installing this software.

In order to use the “Mylex RAID Monitor” software, the following conditions listed below are also necessary and should be confirmed beforehand:

(1) System requirements for the server

[Hardware]

- 1 Mbyte of available disk space
- operating GP5U141/142 or GP5-143/144/145/146 RAID Card

[Software]

- installed Windows 2000 server
- installed GP5U141/142 or GP5-143/144/145/146 GAM Driver



- This driver is included in the Drivers Disk attached to the RAID Card.

- installed Servervisor or LDSM monitor software V6.0 L45 or later
- the Administrator or a user with equivalent privileges

- (2) System requirements for the management terminal (only using LDSM)

[Hardware]

- 1 Mbyte of available disk space

[Software]

- installed LDSM console software V6.0 L45 or later
- the Administrator or a user with equivalent privileges (for Windows NT or Windows 2000 only)

2.2 Notes for installation

- (1) Unsupported the RAID Card

This software doesn't support monitoring GP5U127. Do not install this monitor software in the server operating GP5U127.

3. Installation

You must install this software in order for Servervisor or LDSM to be able to monitor the RAID cards.

This section describes how to install this software using the “Additional Disk”. When installing Servervisor, install this software in the server. When installing LDSM 6.0, install this software in both the server and the console PC.

Note

- If possible, install this software immediately after installing Servervisor or LDSM 6.0.

3.1 Installation Procedure for the Monitor Software

- (1) Logon to the server system where you wish to install the monitor software. Logon as the Administrator or as a user with equivalent privileges.
- (2) Close any applications that are running on the server system.
- (3) Insert the “Additional Disk” into the floppy disk drive and execute “**SETUP.EXE**” from the “**SERVER**” directory.
A message indicating the start of installation will appear.
- (4) Click the [Yes] button.
This commences installation. When installation is complete, a message will appear.

Point

If a message asking whether to stop the service appears during the installation, click the [Continue] button. If service is stopped, it will automatically be activated when the system is restarted after installation is complete.

- (5) Click the [OK] button.
- (6) Remove the “Additional Disk” from the floppy disk drive and restart the system to confirm the changes.

3.2 Installation Procedure for the Console Software (LDSM only)

- (1) Logon to the Windows system (Windows NT, Windows 2000, or Windows 95/98) where you wish to install the console software. For Windows NT or Windows 2000, logon as the Administrator or as a user with equivalent privileges.
- (2) Close any applications that are running on the Windows system.
- (3) Insert the “Additional Disk” into the floppy disk drive and execute “**SETUP.EXE**” from the “**CONSOLE**” directory.
A message indicating the start of installation will appear.
- (4) Click the [Yes] button.
This commences installation. When installation is complete, a message will appear.
- (5) Click the [OK] button.
- (6) Remove the “Additional Disk” from the floppy disk drive.

Note

- It is unnecessary to restart the Windows system.

4. Uninstallation

You must uninstall this software if you are upgrading the version /level of this software, or installing or upgrading the version/level of Servervisor, or LDSM. This section describes how to uninstall this software using the “Additional Disk”. When installing or upgrading Servervisor, uninstall this software from the server. When installing or upgrading LDSM 6.0, uninstall this software from both the server and the console PC.

Note

- This software must be uninstalled before uninstalling Servervisor or LDSM 6.0.

4.1 Uninstallation Procedure for the Console Software (LDSM only)

- (1) Logon to the Windows system (Windows NT, Windows 2000, or Windows 95/98) where you installed the console software. For Windows NT or Windows 2000, logon as the Administrator or as a user with equivalent privileges.
- (2) Close any applications that are running on the Windows system.
- (3) Insert the “Additional Disk” into the floppy disk drive and execute “**UNINST.EXE**” from the “**CONSOLE**” directory.
A message indicating the start of uninstallation will appear.
- (4) Click the [Yes] button.
This commences uninstallation. When uninstallation is complete, a message will appear.
- (5) Click the [OK] button.
- (6) Remove the “Additional Disk” from the floppy disk drive.

Note

- It is unnecessary to restart the Windows system.

4.2 Uninstallation Procedure for the Monitor Software

- (1) Logon to the server system where you installed the monitor software. Logon as the Administrator or as a user with equivalent privileges.
- (2) Close any applications that are running on the server system.
- (3) Insert the "Additional Disk" into the floppy disk drive and execute "**UNINST.EXE**" from the "**SERVER**" directory.
A message indicating the start of uninstallation will appear.
- (4) Click the [Yes] button.
This commences uninstallation. When uninstallation is complete, a message will appear.
- (5) Click the [OK] button.
- (6) Remove the "Additional Disk" from the floppy disk drive and restart the system to confirm the changes.

Appendix Notes

Notes for “Additional Disk for RAID Card” on Servervisor or LDSM.

- (1) The status notification after repairing a hard disk
When an erred hard disk is repaired, the disk automatically become “standby” in some server system. In this case, Servervisor Console or Mylex RAID Monitor cannot show the disk’s status “standby”. The following steps are needed.

Note

- If you create the standby hard disk manually by the DACADM utility, the following steps aren’t needed.

- 1) Start the DACADM utility attached to the RAID Card and confirm the status of the repaired hard disk is “SBY”.
 - 2) Execute “Consistency Check”.
- (2) The status notification after adding a new hard disk
When a new hard disk is added in a vacant hard disk bay as the standby hard disk, Servervisor Console or Mylex RAID Monitor cannot show the disk’s status “standby”. The following steps are needed.
 - 1) Start the DACADM utility attached to the RAID Card and confirm the status of the additional hard disk is “SBY”.
 - 2) Restart the system.
- (3) Controller information
When using LDSM, Controller information is available for GP5-143/144/145/146. But there isn’t the battery on GP5-143/145. So, the battery information on Controller Information Dialog is not available.
 - (4) Physical Device information
According to the model or the revision of RAID Card, Controller information itself may or not be displayed on Servervisor Console or LDSM management console as the physical device status. In any case, the monitoring of the RAID Card is not influenced by it.