

IBM

Installation Memo for IBM LoadLeveler

Version 2 Release 1

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1.0 Introduction

2.0 Pre-Installation Planning

This section explains the things you should be aware of before you install LoadLeveler.

2.1 Installation Overview

The steps you need to take to install LoadLeveler are the following:

1. Install AIX 4.3 (a prerequisite for LoadLeveler Version 2 Release 1).
2. Make configuration decisions, including:
 - Decide which machine will act as the central manager, and decide which machines will be backup central managers
 - Decide on the location of the home and local directories for the LoadLeveler user ID
 - Decide which directories will be shared directories, and which will not be shared.
3. Set up the LoadLeveler user ID and group ID on the central manager machine.
4. Receive the installation image.
5. Run the installation script.
6. Update configuration files.
7. Repeat the installation process for each workstation in the LoadLeveler cluster.

The above tasks are described in detail in this document.

2.1.1 About the LoadLeveler File Sets

7. Run the **lldbconvert** command with the **-f** and **-c** options to convert jobs from 1.3 format to 2.1 format.
For more information, see 2.2.3, “lldbconvert: Job Migration Utility” on page 5.
8. Issue

If you upgrade LoadLeveler on an SP system, all of the nodes in the SP or the SP system partition must be upgraded.

2.3 Hardware, Software, and Disk Requirements

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3.0 Installing LoadLeveler

This section explains how to install LoadLeveler from the product media onto either of the following platforms:

- RISC System/6000 workstation cluster

Group name: **loadl**

Administrative group: **true**

The group name and ID must be the same on each machine in the cluster.

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llinit does the following:

4.0 Installing Submit-Only LoadLeveler

This section explains how to install LoadLeveler from the product media onto either of the following platforms:

- RISC System/6000 workstation cluster
- RISC System/6000 Scalable POWERparallel System SP

4.1 Submit-Only Planning Considerations

Before installing Submit-Only LoadLeveler, make sure you have read the following sections:

- 2.1.2, "Configuration Planning" on page 3
- 2.2, "Migration Considerations" on page 4
- 2.3, "Hardware, Software, and Disk Requirements" on page 8

Also, If the release directory will be shared among submit-only machines using NFS, you must either allow all files to be world readable (by default), or the filey "Hardwor

Notes:

1. The owner and group of all directories created must be **loadl**.
2. The release directory may be shared among submit-only machines.

4.5 Step 4. Update the Cluster Configuration

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AIX

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