

# Remote Deployment Manager 3.1.01

## Changes and Additions

Remote Deployment Manager (RDM) version 3.1.01 is an update to RDM 3.1. This version continues to demonstrate our commitment to provide best-in-class system management software that can be used with IBM ~ xSeries, IntelliStation® workstations, NetVista™ desktops, ThinkPad® notebooks, and Point-of-Sale systems.

RDM version 3.1.01 introduces the following changes and additions:

- ▶ RAID Direct Setup File Creation utility. This utility allows the user to create a script file that can be used to configure RAID remotely.
- ▶ Manage Deployment Source Files utility. This utility enables the user to graphically remove deployment files and profiles that are no longer needed.
- ▶ Power Restore and Secure Data Disposal now enabled for ServeRAID systems.
- ▶ Support for new IBM systems and new IBM network and other adapters. Please see the RDM Compatibility and Configuration Guide located at the [RDM home page](#) for detailed information.
- ▶ Fixes to reported problems.
- ▶ Documentation:
  - New RDM 3.1.01 User's Guide.
  - New Compatibility Guide.
- ▶ Installation:
  - Can upgrade from RDM 3.1.
  - Can migrate from RDM 3.1.01 or RDM 3.1.

RDM version 3.1 introduces the following changes and additions:

- Unattended installation of:
  - Microsoft® Windows® XP Professional
  - Windows NT® 4.0 Terminal Server
- Clone installation using PowerQuest DeployCenter technology:
  - Built-in profile to capture a donor system's primary (first) partition.
  - Built-in ability to deploy prepared images to target systems that are then processed to add system-unique personalization. The donor image is first prepared using Microsoft's System Preparation Tool (SysPrep), and then, using the System Assignment Wizard on the RDM server, individual system personalization can be specified. The following operating systems are supported with this function:
    - Windows 2000 Professional
    - Windows 2000 Server (stand-alone server)
    - Windows 2000 Advanced Server (stand-alone server)
    - Windows XP Professional
  - Ability to deploy images to target systems without post-processing. Using this ability, for example, an administrator can deploy any Windows operating system that has been prepared using Microsoft's SysPrep, and the end-user can enter the personalization information on the target system. Windows operating systems that could use this ability include:
    - Windows 2000 Professional
    - Windows 2000 Server (stand-alone server)
    - Windows 2000 Advanced Server (stand-alone server)
    - Windows XP Professional

- Windows NT Server 4.0 (stand-alone server)
    - Windows NT Workstation 4.0
  - Ability to import image files captured using other RDM servers, or with other PowerQuest imaging products<sup>1</sup>.
- Power Restore using PowerQuest Deploy Center technology:
  - Replaces LCCM 3.0's IBM Rapid Restore.
  - Can capture two compressed snapshots of the primary partition to provide backup and restore while using the same amount of disk space as IBM Rapid Restore.
  - Power Restore can be initiated remotely through the RDM console.
  - Power Restore can also be initiated locally via diskette, CD, or IBM Boot Manager.
- Support for upgrade to use full-function PowerQuest Deploy Center
- ServeRAID™ can now be configured without the use of a donor system.
- Increased the limit for the number of concurrently processing systems to 150 (requires suitable network bandwidth).
- Support for new IBM systems and new IBM network and other adapters. Please see the RDM Compatibility and Configuration Guide located at [http://www.pc.ibm.com/us/eserver/xseries/systems\\_management/rdm/index.html](http://www.pc.ibm.com/us/eserver/xseries/systems_management/rdm/index.html) for detailed information:
  - Handle required password for BIOS/CMOS update on some newer NetVista systems.
  - Update embedded controller firmware on some newer ThinkPad systems.
- Improvements in the RDM Console:
  - Can select an RDM Server when the RDM Console starts (i.e., manual configuration changes no longer needed).
  - Right-click menus allow faster access to system and profile actions.
  - Delete key can be used to delete systems and profiles.
  - Change terminology for target computers to "Systems" (instead of "Clients").
- IBM Director 3.1 Agent (including Server Extensions) can be configured and installed via unattended installation profiles.
- Integration with [System Migration Assistant 3.0](#).
- Fixes to reported problems.
- Documentation:
  - New RDM 3.1 User's Guide.
  - New Compatibility Guide.
- Installation:
  - Can upgrade from LCCM 3.0 or from LCCM 2.5.1.
  - Can migrate from RDM 3.1, LCCM 3.0, or LCCM 2.5.1.
  - Can install RDM Server on workstation operating systems:
    - Windows NT 4.0 Workstation
    - Windows 2000 Professional
    - Windows XP Professional

### **Changes and Additions in LCCM 3.0**

LCCM version 3.0 introduced the following changes and additions:

- The ability to run the LCCM server and the LCCM console on:
  - Windows 2000 Server plus Service Pack 2 or higher.
  - Windows 2000 Advanced Server plus Service Pack 2 or higher.
- The ability to run the LCCM console on:
  - Windows 2000 Professional plus Service Pack 2 or higher.
- New version of the IBM Secure Data Disposal utility.
- New version of the IBM DiffTool utility.
- Client names can now be up to 11 characters long.
- Resizable Progress and Errors window.

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<sup>1</sup> The built-in PowerQuest Deploy Center imaging tool only supports low-compression and non-compressed images. To support high-compression images, upgrade to the full version of Deploy Center.

- Improvements to the Profile Wizard:
  - Integration of IBM [Software Delivery Assistant](#) with LCCM.
  - Improved partitioning options.
  - Ability to save install directory.
  - Removal of the 14-application limit.
- IBM Hardware checking:
  - Enforces the use of IBM clients only in the free (i.e., Web-downloadable) version of LCCM.
  - Per-client-fee version of LCCM available for managing non-IBM hardware.
- Installation:
  - Use of latest InstallShield version.
  - One-step install with no reboot required.
  - Migration of an LCCM 2.5.1 Service Pack 4 server to another LCCM 3.0 server.
  - Silent Installation available for typical and custom install.
  - Separate install choice for Remote Share Point, making install in a Wide Area Network easier.
  - Can install LCCM on top of itself.
- DHCP and PXE:
  - New IBM PXE Service.
  - Full support for LCCM servers that contain more than 1 network adapter.
  - IBM Intermediate Support Driver, IBM DHCP Service, and IBM BINL Service are removed.
  - LCCM 3.0 supports PXE protocol only. RPL protocol is no longer supported.
- Other changes:
  - Fixes to reported problems.
  - Functional enhancements from all prior service packs and patches, including Windows 2000 support, improved Wide Area Network support, large-partition support, and integration with IBM's [System Migration Assistant](#).
  - Fixes from all prior service packs and patches.