
IBM Installation Toolkit Release Notes

These notes are the release notes for the IBM® Installation Toolkit for Linux, version 4.2.

Product compatibility

The product can be used as a way to install a Red Hat Enterprise Linux or SUSE Linux Enterprise Server (SLES) system. This release is able to install Red Hat Enterprise Linux 4 (Update 7 and 8), Red Hat Enterprise Linux 5 (Update 4 and 5), Red Hat Enterprise Linux 6 (GA), SLES 10 (Service Pack 2 and 3) and SLES 11 (GA and Service Pack 1). Also, any software contained in the product can be installed and used only on the described systems. Not following these restrictions might lead to unpredictable results.

Hardware and software requirements

Hardware requirements:

- supported system families: Open Power, IBM BladeCenter® (JS12, JS20, JS21, JS22, JS23, PS700, PS701, PS702, and JS43 Express®), Intellistation POWER® 185 (ATX), and Power System Servers
- supported processor families: PPC 970, POWER5™, POWER5+™, POWER6®, POWER6+™, and POWER7®
- CD/DVD-ROM reader.
- Network card (if you are going to perform any installation from the network).
- Additionally, refer to Red Hat Enterprise Linux or SLES documentation (if you are going to install any of them from the product) for their minimum hardware requirements.
- Minimum of 1 GB of RAM

Requirements to install a GNU/Linux system for the product:

- Red Hat Enterprise Linux 4 installation media if installing Red Hat Enterprise Linux 4 or Red Hat Enterprise Linux 5 installation media if installing Red Hat Enterprise Linux 5,
- SLES10 or 11 installation media if installing SLES 10 installation media if installing SLES 11.

Requirements to run Welcome Center from an already installed system:

- The Welcome Center package installed on the system.
- a graphical or text-mode web-browser installed on the system.

Requirements to boot on graphical mode:

- Matrox graphics card.

Installation and configuration notes

For installation, configuration and usage instructions refer to the IBM Installation Toolkit for Linux Users Guide.

Known problems and workarounds

- Firefox is the only supported web browser for graphical installations.
- Matrox cards are the only fully supported graphics cards for starting in graphical mode.
- Sysdiag might not display correct inventory information about some system models.
- QLogic Fibre Channel cards are not supported on Power Architecture® blades.
- Remote installations using Windows HyperTerminal, Internet Explorer, and Web System Management PC Client are not fully supported and might cause navigation issues, such as Home/End keys not working.
- Mangled Linux startup messages can be safely ignored.
- If a second instance of Welcome Center is started, the first one is closed, and the terminal is reset. As HMC and IVM virtual terminals cannot be reset, you must manually restart them.
- When using manual partitioning, depending upon the partitions you decide to keep, and the former partition scheme of your disks, the SLES installer (autoyast) decides what partitions to create in order to optimize the SLES installation, based on the partition table that you defined. These decisions mean that autoyast can change slightly the partition scheme that you have defined in the Toolkit.
- The root file system of the Live DVD is loopback-mounted on /mnt/image. So, if you unmount it or mount some other file system on it or any of its children directories, your system will fail and you will need to reboot it.
- When using the Welcome Center on an installed Red Hat Enterprise Linux system in text mode, elinks prompts for a login and password. If you select Cancel to quit this operation, you must press Ctrl + C to return to the console.
- After a SLES installation through network, Yast might warn you that it cannot connect to the packages repository during system boot. You can safely click OK to try this operation again.
- Serial terminal or serial-like terminals might not be the best for use as the terminal window refresh behavior is not adequate for this application. You might experience some window refresh problems when using it. Consider using SSH sessions instead.
- When installing Red Hat Enterprise Linux 4 with the packages for graphics environments, GDM might not use the special RedHat theme, and warn you about the non-existence of a configuration file for itself. It uses the default configuration, though. Use Red Hat Enterprise Linux configuration center to correct this warning.
- When rebooting for the first time, Red Hat Enterprise Linux yaboot might not work automatically. You may need to press Enter at the prompt "boot:".
- When doing a SLES 10 installation, if automatic configuration was chosen for the network interfaces and the network repositories reside in different networks than the one of the systems being installed, then during first boot Yast might present a warning box saying that it was unable to access the repositories. This warning box can be safely skipped, so the installation process can continue.
- If the migration of a user data fails when performing a System X to System P LAMP stack migration, the tool reports an error stating mysql-server migration failed.
- The System x® to System p® migration wizard only automatically migrates data under the "DocumentRoot" of the web server. Custom directories with data that also need to be migrated must be manually migrated through the manual data

migration functionality of this tool. Directories such as users custom web server directories must be manually included into a migration plan.

- The supported System i[®] systems can be booted only from the DVD drive if it has been virtualized (virtual DVD devices over the VSCSI interface). For more information about this topic, visit <http://www.ibm.com/developerworks/forums/thread.jspa?threadid=200253>. The online forum has a sticky thread on this topic as well: <http://www.ibm.com/developerworks/forums/forum.jspa?forumID=937>.
- Only virtual hardware is supported when creating LPARs, during LAMP stack migration, using the Server Consolidation tool. Make sure the VIOS is configured to provide virtual disks and virtual Ethernet.
- When performing manual partitioning on SLES installations, if the disk contains all the four primary partitions (one of them being extended) and 5 or more logical partitions, Auto YaST might fail and cancel the installation.
- When installing SLES11 (GA or Service Pack 1) from DVD using some specific DVD drives, the SLES installer might not recognize that the DVD installation media is inside the drive right away, and because of that situation, ask you to insert it in the drive. If that happens, wait a few seconds for the DVD to be recognized and hit the keys "1" and "Enter" to proceed.
- Red Hat Enterprise Linux 6 users should not manually install the `powerpc-utils` package from the IBM Installation Toolkit for Linux. Installing the Red Hat Enterprise Linux 6 package installs the version of the `powerpc-utils` package that is compatible with the distribution.

Product updates and latest publications from the web

The "IBM Installation Toolkit for Linux" latest ISO image, users guide, and everything else related to it can be found at:

<http://www14.software.ibm.com/webapp/set2/sas/f/lopdiags/installtools/home.html>

Contacting customer support

Installation Toolkit for Linux is provided as-is only. Customers are not entitled to IBM Software Support.

Customers with "IBM Installation Toolkit for Linux" can submit questions and review technical information regarding the Toolkit at the following web forum:

http://www.ibm.com/developerworks/forums/dw_forum.jsp?forum=937&cat=72&