



IBM Systems Technology Group

AIX 5L™ for POWER™

5300-06 technology level

Installation and migration

@business on demand software

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5300-06 technology level

The AIX 5L operating system, IBM's industrial-strength UNIX® environment, delivers enhancements to Java™ technology, Web performance and scalability for managing systems of all sizes from single servers to large, complex On Demand Business installations. Web-based remote management tools give administrators centralized control of system, enabling them to monitor key resources, including adapter and network availability, file system status and processor workload

5300-06 Ordering

▪ Ordering methods

- ▶ U.S. clients can call **800-879-2755** and request SPO 5692-A5L feature code **0967** for the latest version of the AIX 5.3.0 Product Media CDs.
 - This request requires a valid IBM customer number that is licensed for AIX 5.3. The Update CDs must be ordered separately.
 - CDs - LCD4-7477-08 with Service Pack 1
 - DVDs –LCD4-7544-04 with Service Pack 1
- ▶ Updates only
 - By fix level TL06 and Service Pack 1
 - Select TL06 or Service Pack 1 from the fix bundles page
 - Download from Fix Central
 - <http://www-912.ibm.com/eserver/support/fixes/fcgui.jsp>

5300-06 policy and direction

- Technology level release frequency
 - ▶ Twice a year
- Coexistence
 - ▶ 5300-06 and subsequent technology levels will be supported for 24 months after availability
 - **IBM AIX 5L release and service strategy restructured**
 - IBM United States software announcement 207-099
May 8, 2007
 - ▶ 5300-05 concluding service pack (CSP) released 5/29/2007
 - Supported until 11/29/2007

5300-06 installation and migration types

▶ Types of installation

- Complete overwrite installation
- Preservation installation
- Migration installation
- Upgrade existing AIX 5.3 system to 5300-06 technology level

Section

Complete overwrite installation

5300-06 complete overwrite

- Complete overwrite installation
 - ▶ Quick start
 - Boot from the AIX product media
 - Set BOS installation settings
 - Perform a new and complete overwrite installation of AIX onto hdisk0
 - Use English as the primary language
 - Use the default options in the **More Options** menu
 - Start the BOS installation and configure the system

 - **NOTE:** if you are overwriting an existing system, gather the TCP/IP information from the system before you begin

5300-06 complete overwrite

- Complete overwrite installation
 - ▶ Insert the *AIX Volume 1* media into the media device.
 - ▶ Make sure all external devices attached to the system are turned on.
 - ▶ Power on the system.
 - ▶ When the system beeps twice, press F5 on the keyboard (or 5 on an ASCII terminal). If you have a graphics display, you will see the keyboard icon on the screen when the beeps occur. If you have an ASCII terminal (also called a tty terminal), you will see the word keyboard when the beeps occur. **Note:** If your system does not boot using the F5 key (or the 5 key on an ASCII terminal), refer to your hardware documentation for information about how to boot your system from an AIX product media.
 - ▶ Select the system console by pressing F1 (or 1 on an ASCII terminal) and press Enter

5300-06 complete overwrite

- Complete overwrite installation
 - ▶ To change the system settings, which includes the method of installation and disk where you want to install, type 1 in the **Choice** field and press Enter
 - ▶ Type 1 for New and Complete Overwrite in the **Choice** field and press Enter.
 - ▶ In the Change Disk(s) Where You Want to Install screen:
 - Select **hdisk0** and press Enter. The disk will now be selected as indicated by >>>. To unselect the destination disk, type the number again and press Enter.
 - To finish selecting disks, type a 0 in the **Choice** field and press Enter. The Installation and Settings screen displays with the selected disks listed under System Settings.

5300-06 complete overwrite

- Complete overwrite installation
 - ▶ Change the primary language environment, if needed.
 - ▶ Verify that the selections are correct in the overwrite installation summary screen
 - ▶ Press enter to begin the BOS installation. The system automatically reboots after installation is complete

- ▶ For more information about a complete overwrite installation, refer to
- ▶ *AIX 5L version 5.3 installation and migration, SC23-4887.*

Section

Preservation installation

5300-06 preservation installation

- Preservation installation
 - ▶ This method replaces an earlier version of the BOS but retains the root volume group, the user-created logical volumes and file systems, and the /home file system
 - ▶ The system file systems /usr, /var, /tmp, and / (root) are overwritten. Product (application) files and configuration data stored in these file systems will be lost
 - ▶ Information stored in other non-system file systems will be preserved

5300-06 preservation installation

- Preservation installation
 - ▶ Quick start
 - Boot from the AIX product media
 - Set BOS installation settings
 - Perform a preservation installation of AIX onto hdisk0
 - Use English as the primary language
 - Start the BOS installation and configure the system

5300-06 preservation installation

▪ Preservation installation

- ▶ Insert the *AIX Volume 1* media into the media device.
- ▶ Make sure all external devices attached to the system are turned on.
- ▶ Power on the system.
- ▶ When the system beeps twice, press F5 on the keyboard (or 5 on an ASCII terminal). If you have a graphics display, you will see the keyboard icon on the screen when the beeps occur. If you have an ASCII terminal (also called a tty terminal), you will see the word keyboard when the beeps occur. **Note:** If your system does not boot using the F5 key (or the 5 key on an ASCII terminal), refer to your hardware documentation for information about how to boot your system from an AIX product media.

5300-06 preservation installation

▪ Preservation installation

- ▶ Select the system console by pressing F1 (or 1 on an ASCII terminal) and press Enter
- ▶ In the Installation and Settings screen, type 1 in the **Choice** field to select the **System Settings** option.
- ▶ When the Change Method of Installation window displays, type the number corresponding to desired installation 2 for preservation in the **Choice** field and press Enter.
- ▶ When the Change Disk(s) window displays, and you selected the preservation installation, the window lists only disks containing a **rootvg**
- ▶ Change the primary language environment, if needed

5300-06 preservation installation

- Preservation Installation
 - ▶ Verify your selections in the installation summary window and press Enter to begin the BOS installation process.
 - ▶ Your system automatically reboots after installation is complete

- ▶ For more information about a Preservation Installation, refer to
- ▶ *AIX 5L Version 5.3 Installation and Migration, SC23-4887*

Section

Migration installation

5300-06 Migration

- Migration installation
 - ▶ Migration attempts to preserve all user configuration, while moving the operating system to a new level of software

5300-06 migration installation

- Migration installation
 - ▶ Quick start
 - Boot from the AIX product media
 - Set BOS installation settings
 - Perform a migration installation of AIX onto hdisk0
 - Use English as the primary language
 - Start the BOS installation and configure the system

5300-06 migration installation

▪ Migration installation

- ▶ Insert the *AIX Volume 1* media into the media device.
- ▶ Make sure all external devices attached to the system are turned on.
- ▶ Power on the system.
- ▶ When the system beeps twice, press F5 on the keyboard (or 5 on an ASCII terminal). If you have a graphics display, you will see the keyboard icon on the screen when the beeps occur. If you have an ASCII terminal (also called a tty terminal), you will see the word keyboard when the beeps occur. **Note:** if your system does not boot using the F5 key (or the 5 key on an ASCII terminal), refer to your hardware documentation for information about how to boot your system from an AIX product media

5300-06 migration installation

▪ Migration installation

- ▶ Select the system console by pressing F1 (or 1 on an ASCII terminal) and press enter
- ▶ In the installation and settings screen, type 1 in the **Choice** field to select the **System Settings** option
- ▶ Verify that migration is the method of installation. If migration is not the method of installation, select it now. Select the disk or disks you want to install
- ▶ Change the primary language environment, if needed
- ▶ Verify the selections in the migration installation summary screen and press enter

5300-06 migration installation

- Migration installation
 - ▶ When the Migration Confirmation menu opens, follow the menu instructions to list system information or continue with the migration by typing 0 and pressing Enter.
 - ▶ After the migration is complete, the system will reboot.

For more information about a migration installation, refer to:
AIX 5L Version 5.3 Installation and Migration, SC23-4887

Section

Upgrade existing AIX 5.3 system to 5300-06 technology level

5300-06 technology level

- Technology level only
 - ▶ Use the update media (not the product media)
 - ▶ If you only want to install the next technology level of the operating system, use the SMIT **update_all** fast path or the `install_all_updates` command to update the filesets currently installed.

- Service pack only
 - ▶ Use the update media (not the product media)
 - ▶ If you only want to install the next service pack of the technology level of the operating system, use the SMIT **update_all** fast path or the `install_all_updates` command to update the filesets currently installed

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