

INSTALLATION NOTES FOR LABORATORY SERVICE PATCH 10 KIDS FORMAT

PREFIX: LR, LA, AND BLR
CURRENT VERSION: 5.2 KIDS PATCH 10 3/1/2001

*****NOTE*****NOTE*****NOTE*****NOTE*****NOTE*****NOTE*****NOTE*****
* READ THE ENTIRE NOTES FILE PRIOR TO ATTEMPTING ANY INSTALLATION! *
*****NOTE*****NOTE*****NOTE*****NOTE*****NOTE*****NOTE*****NOTE*****

1. GENERAL INFORMATION

a). Print all notes/readme files. Users other than the lab users may remain on the system during the installation. The installation time should take only a few minutes. Routines and a Data Dictionary are being restored. There is no data added. We always recommend a complete backup before any patches are installed. Verify that you have a current backup. In the event that you get a CLOBR error during installation, it means that a lab user was running some lab option that is the same routine name that you are restoring. You will need to restart the kids install if the error occurs. Reinstalling the patch is non-destructive but you will be required to remove (delete) the patch number LR*5.2*1010 from the INSTALL file (9.7). The PCC link job running in the background (BLRLINK) will need to be stopped by editing the BLR MASTER CONTROL file and changing the LAB LOG TO PCC field from YES to NO. Verify that BLRLINK is not running by doing a system status. Don't forget to change it back to the way it was after the install is finished. Journaling can be left on during the process.

PATCHES 1 through 9 must be installed before this patch is installed. This patch DOES check to see if patches 1-9 have been installed. This patch WILL NOT install if kids lr_0520.09k has not been installed. This patch is NOT inclusive.

b). It is recommended that the terminal output during installation be captured using an auxport printer attached to the terminal where you are performing the patch installation. This will ensure a printed audit trail if any problems should arise.

2. CONTENTS OF DISTRIBUTION

- a). lr_0520.10n - Notes file for installation of this patch.
b). lr_0520.10k - Kids Patch routines. Note: This patch will install (routine restore) IHS Patch LR*5.2*1010.

3. REQUIREMENTS

- a). Laboratory Service V 5.2 through Patch 9 (Kids Build lr_0520.04k).
b). Kernel V 8.0 through Patch 6
c). MSM V 4.4.0
d). Fileman V 21.0 through Patch 7
e). MAS 5.0 through Patch 7

4. PATCH DESCRIPTION ***** REVIEW OF CHANGES IS RECOMMENDED *****

A modification to the transaction process is the primary change introduced by this patch. Previously, transactions were created or updated by the application programs that the users ran, for example ordering tests or entering results. When orders with multiple panels were placed, several second delays could occur while the transactions were created for each test. With this change, transactions are created/updated by a batch job automatically running in the background.

A new parameter for controlling the number of days to keep transactions on the
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system has been added to the BLR MASTER CONTROL file. The name of the field is "DAYS TO KEEP TRANSACTIONS." This patch will initialize the field equal to the value of the GRACE PERIOD FOR ORDERS field in the LABORATORY SITE file, if it is set, otherwise it will be set to 90. If this field is modified by deleting the value or setting it to zero the cleanup routine, BLRCU, will use 90 days as the default. Previously, the field "GRACE PERIOD FOR ORDERS" in the LABORATORY SITE file was used for this purpose with 180 days as the default.

Two fields in the "BLR MASTER CONTROL" file now control transaction processing differently ("LAB LOG TRANSACTION" and "LAB LOG TO PCC"). These fields now allow a site to control transactions that are sent to PCC for the ancillary divisions (those other than what the "RPMS SITE" file is set to). If a site wants to pass lab data to PCC for ancillary divisions, an entry in the BLR Master Control file must be made for that division. The field "LAB LOG TO PCC:" must be set to "Yes." "LAB LOG TRANSACTION:" must be set to "NO" if you don't want transactions created for an ancillary site (default is "YES"). The functionality for these parameters has not changed for the primary site.

Other new fields in the BLR MASTER CONTROL file are related to "EVENTS." "EVENTS" are created by the Lab data entry programs, e.g. ordering, resulting. The events are used by the batch job to build the transactions.

A new option is included in BLRMENU: "STARTUP FOR INTERMEC 7421," which will have to be used to reinitialize the Intermec label printer if its power is interrupted.

Option "BLRTASK Lab DI Startup" was modified so that if it does not find the entry "Lab Interface" in the "HL7 NON-DHCP APPLICATION PARAMETER" file (file 770), it will search the file for an entry whose first word is "LAB" (case insensitive).

5. INSTALLATION INSTRUCTIONS

- a). Log in as a system manager and go to programmer mode. Turn OFF the Lab link to PCC using example 2 below. D ^XUP and choose for the option KERNEL INSTALLATION AND DISTRIBUTION
- b). Choose option INSTALLATION, and LOAD the kids patch lr_0520.10k
- c). Install the patch choosing LR*5.2*1010 See example process below.
- d). Verify that the patch installed properly by displaying the installed patch in the Utility menu
- e). Turn the Lab link back on using example 3 below.

***** Example Installation Script: *****

Log into your production UCI and enter into programmer mode. At the programmer prompt do the following:

D ^XUP

Setting up programmer environment
Terminal Type set to: C-VT100

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Select OPTION NAME: KER
  1  KERMIT MENU XT-KERMIT MENU          Kermit menu
  2  KERNEL 5.0 FOR SITE MANAGERS XUVERSI ON5-HELP      Kernel 5.0 for Site Managers

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3  KERNEL INSTALLATION & DISTRIBUTION SYSTEM XPD MAIN          Kernel Installation & D
istribution System
4  KERNEL MANAGEMENT MENU XUKERNEL          Kernel Management Menu
5  KERNEL NEW FEATURES HELP XUVERSIONEW-HELP          Kernel New Features H
elp
Press <RETURN> to see more, '^' to exit this list, OR
CHOOSE 1-5: 3 XPD MAIN          Kernel Installation & Distribution System

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Edits and Distribution ...
Utilities ...
Installation ...

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Select Kernel Installation & Distribution System Option: Installation

- 1 Load a Distribution
- 2 Verify Checksums in Transport Global
- 3 Print Transport Global
- 4 Compare Transport Global to Current System
- 5 Backup a Transport Global
- 6 Install Package(s)
- Restart Install of Package(s)
- Unload a Distribution

Select Installation Option: Load a Distribution
Enter a Host File: P:\LAB\LRPATCH10\lr__0520.10k

KIDS Distribution saved on Sep 11, 2000@10:36:15
Comment: Lab 5.2 Patch 10 Kids Format MJL

This Distribution contains Transport Globals for the following Package(s):
LR*5.2*1010

The following Entries already exist in the INSTALL file:

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LR*5.2*1010  Install Completed
was loaded on Aug 17, 2000@08:33:29
LR*5.2*1010  Install Completed
was loaded on Aug 17, 2000@15:39:24
LR*5.2*1010  Install Completed
was loaded on Aug 17, 2000@15:58:56
LR*5.2*1010  Install Completed
was loaded on Aug 29, 2000@11:42:26
OK to continue? NO// YES

```

Want to Continue with Load? YES//
Loading Distribution...

Want to RUN the Environment Check Routine? YES//
LR*5.2*1010
Will first run the Environment Check Routine, BLR1010E

Use INSTALL NAME: LR*5.2*1010 to install this Distribution.

- 1 Load a Distribution
- 2 Verify Checksums in Transport Global
- 3 Print Transport Global
- 4 Compare Transport Global to Current System
- 5 Backup a Transport Global
- 6 Install Package(s)
- Restart Install of Package(s)

Unload a Distribution

Select Installation Option: Install Package(s)
Select INSTALL NAME: LR*5.2*1010 Loaded from Distribution Loaded
from Distribution 9/11/00@11:26:22
=> Lab 5.2 Patch 10 Kids Format MJL ;Created on Sep 11, 2000@10:36:15

This Distribution was loaded on Sep 11, 2000@11:26:22 with header of
Lab 5.2 Patch 10 Kids Format MJL ;Created on Sep 11, 2000@10:36:15
It consisted of the following Install(s):
LR*5.2*1010

LR*5.2*1010
Will first run the Environment Check Routine, BLR1010E

Checking for LR 5.2 Patch 1009...

Environment Check is Ok ---

Install Questions for LR*5.2*1010

Incoming Files:

9009029 BLR MASTER CONTROL
Note: You already have the 'BLR MASTER CONTROL' file.

Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES// NO

Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// NO
Want to MOVE routines to other CPUs? NO//

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME//

Progress bar with symbols and arrows indicating installation progress.

25 50 75 0%Complete
LR*5.2*1010

Install Started for LR*5.2*1010 :
Sep 11, 2000@11:27:14

Installing Routines:
0 25 50 75 100
75 12 50 25 75 8 50 25 75 5 50 25 75 15 50 25
25 75 12 50 25 75 8 50 25 75 5 50 25 75 15 50 25
50 25 75 12 50 25 75 8 50 25 75 5 50 25 75 15 50 25

- 1 Load a Distribution
- 2 Verify Checksums in Transport Global
- 3 Print Transport Global
- 4 Compare Transport Global to Current System
- 5 Backup a Transport Global
- 6 Install Package(s)
- Restart Install of Package(s)
- Unload a Distribution

Select Installation Option:

- Edits and Distribution ...
- Utilities ...
- Installation ...

Select Kernel Installation & Distribution System Option: Utilities

- Build File Print
- Install File Print
- Convert Loaded Package for Redistribution
- Display Patches for a Package
- Purge Build or Install Files
- Rollup Patches into a Build
- Update Routine File
- Verify a Build
- Verify Package Integrity

Select Utilities Option: Display Patches for a Package
 Select PACKAGE NAME: LAB SERVICE LR
 Select VERSION: 5.2// 11-01-97
 Do you want to see the Descriptions? NO//
 DEVICE: HOME//

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PACKAGE: LAB SERVICE	Sep 11, 2000 11:28 am	PAGE 1
PATCH #	INSTALLED	INSTALLED BY
VERSION: 5.2	JUL 11, 2000	
105	AUG 16, 1996	BUTCHER, LORI
100	AUG 15, 1996	BUTCHER, LORI
119	AUG 16, 1996	BUTCHER, LORI
100 SEQ #91	AUG 17, 1996	BUTCHER, LORI
119 SEQ #94	AUG 17, 1996	BUTCHER, LORI
125 SEQ #96	AUG 20, 1996	BUTCHER, LORI
1001	JUL 19, 2000	EVANS, F. J.
1002	JUL 19, 2000	EVANS, F. J.
1003	JUL 19, 2000	EVANS, F. J.
1004	JUL 19, 2000	EVANS, F. J.
1005	JUL 19, 2000	EVANS, F. J.
1006	JUL 19, 2000	EVANS, F. J.
1007	JUL 19, 2000	EVANS, F. J.
1008	JUL 19, 2000	EVANS, F. J.
1009	JUL 19, 2000	EVANS, F. J.

Enter RETURN to continue or '^' to exit:

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PACKAGE: LAB SERVICE	Sep 11, 2000 11:28 am	PAGE 2
PATCH #	INSTALLED	INSTALLED BY

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210	JUL 31, 2000	MASON, BILL
215	JUL 31, 2000	MASON, BILL
1010	SEP 11, 2000	LOUGHRAN, MIKE

Build File Print
Install File Print
Convert Loaded Package for Redistributi on
Display Patches for a Package
Purge Build or Install Files
Rollup Patches into a Build
Update Routine File
Verify a Build
Verify Package Integrity

Select Utilities Option:

Edits and Distribution ...
Utilities ...
Installation ...

Select Kernel Installation & Distribution System Option:

Do you really want to halt? YES//

Halting at 11:28 am
[DEV, DEV]>
D P^DI

Select OPTION: ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: BLR MASTER CONTROL//
EDIT WHICH FIELD: ALL// LAB LOG TO PCC
THEN EDIT FIELD:

Select BLR MASTER CONTROL SITE: Enter your site name
LAB LOG TO PCC: YES// N NO

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Select BLR MASTER CONTROL SITE:
Check system status to verify that BLRLINK is not running.

***** Example 3: TO TURN ON THE LINK TO PCC:

D P^DI

Select OPTION: ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: BLR MASTER CONTROL//
EDIT WHICH FIELD: ALL// LAB LOG TO PCC
THEN EDIT FIELD:

Select BLR MASTER CONTROL SITE: Enter your site name
LAB LOG TO PCC: NO// Y YES

6. POINT OF CONTACT

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