

INSTALLATION NOTES FOR LABORATORY SERVICE PATCH 14 KIDS FORMAT

PREFIX: LR, LA, AND BLR
CURRENT VERSION: 5.2 Oct 10, 2002

*****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

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 while routines 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. Check the error trap after the install finishes to confirm there are no <CLOBR> errors. Reinstalling the patch is non-destructive. The PCC link job running in the background (BLRTN) will need to be stopped by using the STP option on the BLRMENU. Verify that BLRTN is not running by doing a system status. Don't forget to restart the link after the install is finished.

***** Make sure journaling is turned off for the global ^TIMTEST. *****

PATCH 13 must have been installed before this patch. This patch DOES check to see if patch 13 is present. This patch WILL NOT install if kids lr_0520.13k has not been installed. This patch is NOT inclusive.

***** NOTE: Sites currently in alpha testing of the LOINC enhancement to *****
***** the Lab package should NOT install this patch. *****

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_0520.14n - Notes file for installation of this patch.
b). lr_0520.14k - Kids Patch routines. Note: This patch will load 12 routines.

3. REQUIREMENTS

- a). Laboratory Service V 5.2 through Patch 13.
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 *****

Select BUILD NAME: LR*5.2*1014 LAB SERVICE LAB SERVICE
Page 1

DEVICE: HOME// ; ; 99999

PACKAGE: LR*5.2*1014 Oct 10, 2002 2:32 pm

PAGE 1

TYPE: SINGLE PACKAGE
TRACK NATIONALLY: NO
NATIONAL PACKAGE: LAB SERVICE
DESCRIPTION:

This patch will load 12 routines:
Changes were made to avoid undefined errors at sites using Patient Chart. The change to BLRNLINK avoids a subscript error. The routine BLRUTIL contains a function to halt the link if too many link errors occur. The rest have modifications to avoid the use of a non LR namespace global. The post install will clean up the non LR namespace global.

ENVIRONMENT CHECK : BLRPRE1
PRE-INIT ROUTINE :
POST-INIT ROUTINE :
PRE-TRANSPORT RTN :

ROUTINE:
BLRPRE1 SEND TO SITE
BLRPOST1 SEND TO SITE
LRORD SEND TO SITE
LRORD1 SEND TO SITE
LRORD3 SEND TO SITE
BLRUTIL SEND TO SITE
BLRNLINK SEND TO SITE
BLRLINK3 SEND TO SITE
BLRLINK2 SEND TO SITE
BLRMLTL SEND TO SITE
BLRTN SEND TO SITE
BLRTNM SEND TO SITE

5. INSTALLATION INSTRUCTIONS

- a). Log in as a system manager and go to programmer mode. Ensure that the users are not using the Lab application. D ^XUP and choose the option KERNEL INSTALLATION AND DISTRIBUTION
- b). Choose option INSTALLATION, and LOAD the kids patch lr__0520.14k
- c). Install the patch choosing LR*5.2*1014 See example process below.
- d). Verify that the patch installed properly by displaying the installed patch in the Utility menu.
- e). Confirm that the routines loaded properly by reloading the distribution and using option 4 COMPARE TRANSPORT GLOBAL TO CURRENT SYSTEM to verify the routines actually loaded.
- f). Allow the users to resume using the Lab application.

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

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

>D ^XUP

lr__0520_14n.txt

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

Select OPTION NAME: XPD MAIN Kernel Installation & Distribution System

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

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: c:\inetpub\ftproot\pub\lr__0520.14k

KIDS Distribution saved on Jul 25, 2001@14:41:25
Comment: Lab 5.2 Patch 14

This Distribution contains Transport Globals for the following Package(s):
LR*5.2*1014

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

Want to RUN the Environment Check Routine? YES// NO
LR*5.2*1014

Use INSTALL NAME: LR*5.2*1014 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*1014 Loaded from Distribution Loaded
from Distribution Oct 10, 2002 2:32 pm
=> Lab 5.2 Patch 14 ;Created on Oct 10, 2002 2:32 pm

This Distribution was loaded on Oct 10, 2002 2:32 pm with header of
Lab 5.2 Patch 14 ;Created on Oct 10, 2002 2:32 pm

It consisted of the following Install(s):
LR*5.2*1014

LR*5.2*1014

Will first run the Environment Check Routine, BLRPRE1

lr__0520_14n.txt

Checking Environment for Patch **1014** of Version 5.2 of LR.

Need at least FileMan 21. FileMan 21.0 Present

Need at least Kernel 8.0. Kernel 8.0 Present

Patch 1013 of version LR 5.2 Has Been Previously Installed. OK to continue

ENVIRONMENT OK.

Has a SUCCESSFUL system backup been performed??? NO// YES

Install Questions for LR*5.2*1014

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// ;;99999

LR*5.2*1014

Install Started for LR*5.2*1014 :
Oct 10, 2002 2:32 pm

Installing Routines:
Oct 10, 2002 2:32 pm

Updating Routine file. . .

Updating KIDS files. . .

LR*5.2*1014 Installed.
Oct 10, 2002 2:32 pm

100%
Complete
Install Completed

DO THE FOLLOWING TO VERIFY THE ROUTINES INSTALLED CORRECTLY:

- 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: 1 Load a Distribution
Enter a Host File: c:\inetpub\ftproot\pub\lr__0520.14k

KIDS Distribution saved on Oct 10, 2002 2:32 pm
Comment: Lab 5.2 Patch 14

This Distribution contains Transport Globals for the following Package(s):
LR*5.2*1014

The following Entries already exist in the INSTALL file:

lr__0520_14n.txt

LR*5.2*1014 Install Completed
was loaded on Oct 10, 2002 2:32 pm
OK to continue? NO// y YES

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

Want to RUN the Environment Check Routine? YES// NO

LR*5.2*1014
Use INSTALL NAME: LR*5.2*1014 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: 4 Compare Transport Global to Current System
Select INSTALL NAME: LR*5.2*1014 Loaded from Distribution Loaded
from Distribution 10/3/02@11:51:59
=> fix patient chart ; Created on Oct 10, 2002 2:32 pm

Select one of the following:

- 1 Full Comparison
- 2 Second line of Routines only
- 3 Routines only

Type of Compare: 1 Full Comparison
DEVICE: HOME//

Compare LR*5.2*1014 to current site

Routine: BLRLINK2

Routine: BLRLINK3

Routine: BLRMLTL

Routine: BLRNLINK

Routine: BLRPOST1

Routine: BLRPRE1

Routine: BLRTN

Routine: BLRTNM

Routine: BLRUTIL

Routine: LRORD

Routine: LRORD1

Routine: LRORD3

- 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: Unload a Distribution

Select INSTALL NAME: lr

1 LR*5.2*1013 Loaded from Distribution Loaded from
 Distribution 10/9/02@10:02:17
 => Electronic Signature Enhancement ; Created on Sep 06, 2002@07:48:38

2 LR*5.2*1014 Loaded from Distribution Loaded from
 Distribution 10/15/02@09:07:54
 => Lab 5.2 Patch 14 ; Created on Oct 15, 2002@07:18

CHOOSE 1-2: 2 LR*5.2*1014 Loaded from Distribution Loaded from
 Distribution 10/15/02@09:07:54
 => Lab 5.2 Patch 14 ; Created on Oct 15, 2002@07:18

This Distribution was loaded on Oct 15, 2002@09:07:54 with header of
 Lab 5.2 Patch 14 ; Created on Oct 15, 2002@07:18
 It consisted of the following Install(s):
 LR*5.2*1014

Want to continue with the Unload of this Distribution? NO// y YES

NOTE: If any discrepancies are found they will be printed out.
 If there are discrepancies the routines may not have loaded properly
 You should call the Technical Support Center immediately.

After installation please ensure that the global ^TIMTEST has been deleted.

6. POINT OF CONTACT

Technical Support Center
 Phone: (505) 248-4371 (888) 830-7280
 Fax: (505) 248-4199
 Web: <http://www.rpms.ihp.gov/TechSupp.asp>
 Email: RPMSHelp@mail.ihp.gov