

RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **IHS Lab Reporting System**

# (LR)

## Install Guide (AUR)

Version 5.2 Patch 1056 October 2024

Office of Information Technology Division of Information Technology

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## **Revision History**

Version	Date	Author	Section	Page Number	Summary of Change
1.0	August 2024	Skip Squires	All	All	Initial version
1.1	August 2024	Skip Squires	All	All	Accessibility update; renamed to Install Guide

## 1.0 Release Notes

The Lab Reporting System v5.2 p1056 is designed to update the logic released in the p1055 used to identify and report on resulted microbiology lab tests and antibiotic medication administered and recorded in the Indian Health Service (IHS) Resource and Patient Management System (RPMS) and exported to files on a monthly schedule. Once these results are identified and summarized, the application will generate files consisting of a series of Health Level Seven (HL7) messages in a format that can be submitted to the National Health and Safety Network (NHSN) per the AUR Antimicrobial Reporting specifications.

A second component of the application is an Ensemble production that will generate ARO microbiology lab detail reports, ARO summary reports and AUP summary reports into an export directory for these HL7/XML files. The sites can then upload them to NSHN.

This document consists of installation instructions for the LR v5.2 p1056 national release.

**Important:** Read this entire document prior to attempting any installation.

## 2.0 Installation Notes

Prefix: LR

**Current Version: 5.2** 

Current Patch: 1056

#### 2.1 Contents of Distribution

Table 2-1: Distributed files and descriptions

File	Description
lr0520.56k	RPMS KIDS
BLRAM_LR_v5_2_p1056.xml	Ensemble Production Installation File
lr0520.56i.pdf	Installation Guide

#### 2.2 Required Resources

- LR v5.2 through p1055
- Healthshare 2017.2 (or later) or IRIS 2022.1.3 (or later)

### 3.0 BLRAM Ensemble Patch Installation

This installation process assumes that your site had previously installed the LR v5.2 p1056 and your site has a BLRAM<RPMS> Production established. For example, if your site's production namespace is ABCD, then the BLRAMABCD production is the target of this update.

#### 3.1 Stop BLRAM<RPMS> Namespace Production

1. Log on to the System Management Portal.

InterSystems"	Ianagement Portal Home	About Help Contact Logout
VIRIS Data Platform Server Namespace	%SYS <u>Switch</u> User Licensed To OIT-EHR2-DEV Instance HEA	LTHSHARE
Welcome,	View:	
n Home	Welcome to the Management Portal	
(A) Health	Favorites	Did you know?
Tealui	Go to a favorite page	You can view summary information about this system by clicking on the About link at the top of the page.
Analytics		
lnteroperability		
System Operation	Recent	Links
	Go to a recently viewed page	Pages you may be interested in
🔍 System Explorer	Production Configuration ×	Documentation Support InterSystems
• System Administration		

Figure 3-1: System Management Portal

2. If the Namespace: isn't the BLRAM<RPMS> Namespace created as described above in LR v5.2 p1055, select **Switch** and choose the BLRAM<RPMS> from the list provided.

InterSyster	Management Portal	Home	About Help Contact Logout
Server	Namespace %SYS <u>switch</u> User Licensed To OIT-EHR	R2-DEV Instance HE	ALTHSHARE
Welcome,	XAMESPACE CHOOSER Select a nameapace Available Namespaces	rtal	
😔 Health	AGMPICMBA AGMPICMBB AGMPICMBC BCOMCMBA		Did you know? You can view summary information about this system by clicking on the About link at the top of the page.
O Analytics	BCOMCMBB BCOMCMBC BLRAMCMBA BLRANCMBC BURANCMBC BWW		
🛞 Interoperabil	BMWCMBA   If a namespace exists but is not listed, then you may not hold permission to view it, or its database may not be mounted.		
🔅 System Oper			Links
Q System Explo	Cancel OK		Pages you may be interested in Occumentation Support InterSystems
<ul> <li>System Admi</li> </ul>	nistration		

Figure 3-2: Namespace Chooser

- 3. Go to the **Production** configuration page.
- 4. Select Interoperability | Configure | Production

Server Namespa	ice BLRAMCMBA <u>Switch</u> Use	r Licensed	d To OIT-EHR2-DEV Instance HEALTHSHARE
Welcome, shend	erson View:		
	Configure >	Production	0
	Build >	Production EXtensions Components	<b>5</b> 0
(1) Health	View >	Business Partners	0
	List >	Credentials	0
	Monitor >	Schedule Specs	0
J	Manage >	Data Lookup Tables	0
Interoperability	Tost	System Default Settings	js ()
		Purge Data Settings	0
System Operation		Enterprise Systems	0
		Public-Service Registry	
System Explorer		External-Service Registr	stry©
		Message Bank Link	U
Sustam Administration			



5. Select **Stop** production.

InterSystems"	Management Portal	Home Health	n About Help	Logout
Server Name	space BLRAMCMBA <u>Switch</u> User	Licensed To OIT-EHR2-DEV Instance HEA	LTHSHARE	
Interoperability > Production Configuration	n - (BLRAM.Prod.Production)			
Production Con	figuration	Start Stop	Q	Sort:
Production Running	Category: All	Legend Production Settings		<b>&gt;&gt;</b>
Services 🕣	Processes 🕣	Operations 🕣		_
Alert	BuildDocuments(s)	🔵 EmailAlert		
<ul> <li>Receive Job information</li> </ul>	Ens.Alert	Save Doc		

Figure 3-4: Stopping the Production

#### 3.2 Import the BLRAM Patch

This section describes the import of the changes to the production with LR v5.2 p1056.

1. Go back to the **HS Management Portal** home page.

Ianagement Portal Home	About Help Contact Logout
BLRAMCMBA switch User Licensed To OIT-EHR2-DEV Instance	e HEALTHSHARE
View:	
Welcome to the Management Portal	
Favorites	Did you know?
Go to a favorite page	There are over 13 different did-you-know tips!
Recent	Links
Go to a recently viewed page	Pages you may be interested in
Production Configuration ×	Documentation Support InterSystems
	Anagement Portal  BLRAMCMBA Switch User  Licensed To OIT-EHR2-DEV Instance  View:  View:

Figure 3-5: HealthShare Management Portal Home Page

2. Select System Explorer | Classes.

InterSystems™ IRIS Data Platform	Management Port	al				Home	About	Help	Contact	Logo
Server Namespa	CE BLRAMCMBA Switc	<u>h</u> User		Licensed To OIT-EHR	2-DEV	Instan	ce HEAL	THSHAR	E	
Welcome,	N	/iew:	Ξ							
Home	Classes	٥								
	SQL	O								
(A) 1114-	Routines	O								
Health	Globals	O								
Analytics	Tools	>								
lnteroperability										
🔅 System Operation										
🔍 System Explorer										
System Administration										

Figure 3-6: System Explorer-Classes

3. Select Import.

InterSysten	NS <sup>™</sup> Management Portal	Home About He	elp Contact Logout
Server	Namespace BLRAMCMBA User Licensed To OIT-EHR2-DEV In	stance HEALTHSHARE	
System > Classes			
Classes	Compile Export Import Delete Routines Globa	Is Q Last update	e: 2024-10-04 08:40:16.360
Lookin:	Page size: D Results: 1000+ Page:  < << 1 >> i of 1 view doc in new window		
Namespace V	Name	Date Siz	e
	BCCD.Tasks.Purge.cls	2021-05-18 17:53:29 32	12 Documentation
System items	BLRAM.Audit.AuditLog.cls	2024-09-26 11:24:11 41	99 Documentation
Generated items	BLRAM.Audit.ErrorThrottle.cls	2024-09-26 11:24:11 13	95 Documentation
Mapped items	BLRAM.Audit.ProductionStatus.cls	2024-09-26 11:24:11 9	12 Documentation
Show SQL Info Link	BLRAM.CDA.ActClass.cls	2013-01-14 10:23:18 1	96 Documentation
	BLRAM.CDA.ActClassComposition.cls	2013-01-14 10:23:18 2	30 Documentation
Begin date (yyyy-mm-dd)	BLRAM.CDA.ActClassCondition.cls	2013-01-14 10:23:18 2	30 Documentation
4	BLRAM.CDA.ActClassContract.cls	2013-01-14 10:23:18 2	21 Documentation
End date (yyyy-mm-dd)	BLRAM.CDA.ActClassControlAct.cls	2013-01-14 10:23:18 2	48 Documentation
4	BLRAM.CDA.ActClassDocument.cls	2013-01-14 10:23:18 2	35 Documentation
Class name * cls	BLRAM.CDA.ActClassEntry.cls	2013-01-14 10:23:18 2	53 Documentation
Mandanum saure	BLRAM.CDA.ActClassExtract.cls	2013-01-14 10:23:18 2	45 Documentation
1000	BLRAM.CDA.ActClassFinancialContract.cls	2013-01-14 10:23:18 2	55 Documentation
	BLRAM.CDA.ActClassObservation.cls	2013-01-14 10:23:18 2	25 Documentation
	BLRAM.CDA.ActClassObservationSeries.cls	2013-01-14 10:23:18 2	57 Documentation

Figure 3-7: Click Import

4. Select classes to import to the BLRAM<RPMS> namespace.

InterSyster	Management Portal		I	Home	About	Help	Contact	Logout
Server System > Classes Classes	IMPORT CLASSES	User Namespace		nce ⊢	EALTHSHA	RE date: 2	024-10-04 08:	40:16.360
Lookin: Namespace  BLRAMCMBA System items System items Generated items Mapped items Show SOL Info Link Begin date (yyyy-mm-dd) End date (yyyy-mm-dd) Class name '.cls Maximum rows 1000	Import classes to namespace BLRAMCMBA.  Import from a File or a Directory:  Enter the path and name of the import file:  Celle Path>\BLRAM_LR_v5_2_p1056 xm{ Compile imported items - Compile flags Cuk Compile imported items - Compile flags Cuk (Highly recommended for importing large files.)		Browse	Date 2021-0: 2024-0: 2024-0: 2024-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0: 2013-0:	5-18 17.53.29 9-26 11.24.11 9-26 11.24.11 9-26 11.24.11 9-26 11.24.11 9-26 11.24.11 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18 1-14 10.23.18	Size           3212           4199           1395           912           1395           230           230           221           248           235           253           255           257           257           259           242           210	Documentation Documentation	
		Next Import	Cancel	2013-0 <sup>-</sup> 2013-0 <sup>-</sup>	1-14 10:23:18 1-14 10:23:18	235 269	Documentation Documentation	

Figure 3-8: Import Classes Dialog

5. Select Next. Ensure all classes are selected.

InterSyster	Management Portal			H	Home About	Hel	p Contact	Logout
Server					nce HEALTHS	HARE		
System > Classes	IMPORT CLASSES	U: Na	ser amespace		] 🗘 Last	update:	2024-10-04 12:	:55:59.380
Lookin: Namespace V	Select items you wish to import.				Date	Size		
BLRAMCMBA V	No	The last	Last Mardified		2021-05-18 17:53	29 3212	2 Documentation	
	RI DAM Drad Ruild DTL areads ADOnumman/ED als	EXIST	2024 00 12 12 20 15 2 12 00 2		2024-09-26 11:24	11 4199	Documentation	
System items	BLRAM Prod Build DTL create AROsummaryEV cis	Yes	2024-09-13 13:26:13:243903		2024-09-26 11:24	11 139	5 Documentation	
	BLRAM.Prod.Build.DTL.create.AROsummaryOBS.cls	Yes	2024-09-13 13:23:43.569831		2024-09-26 11:24	11 91:	2 Documentation	
Mapped items	BLRAM.Prod.Operations.FileDoc.cls	Yes	2024-09-11 07:29:33.545575		2013-01-14 10:23	18 19	6 Documentation	
	BLRAM.Prod.Processes.ProcessJob.cls	Yes	2024-09-26 11:24:11.7136366		2013-01-14 10:23	18 230	Documentation	
Begin date (yyyy-mm-dd)	BLRAM.Prod.Util.functions.cls	Yes	2024-09-11 10:39:21.614245		2013-01-14 10:23	18 230	Documentation	
3	BLRAM.Version.V1P1.cls	Yes	2024-09-11 11:15:04.031579		2012 01 14 10:22	10 22	Decumentation	
End date (yyyy-mm-dd)	BLRAMsbo.prj	Yes	2024-09-11 11:20:50.31863		2013 01 14 10:23	10 24	Decumentation	
	Total: 8				2013-01-14 10:23	10 240	Documentation	
Class name					2013-01-14 10:23	10 23	Documentation	
*.cls					2013-01-14 10.23	18 25	Documentation	
Maximum rows					2013-01-14 10:23	18 24	Documentation	
1000					2013-01-14 10:23	18 25	5 Documentation	
					2013-01-14 10:23	18 22	5 Documentation	
					2013-01-14 10:23	18 25	Documentation	
					2013-01-14 10:23	18 275	5 Documentation	
					2013-01-14 10:23	18 259	Documentation	
					2013-01-14 10:23	18 243	2 Documentation	
					2013-01-14 10:23	18 210	Documentation	
					2013-01-14 10:23	18 235	5 Documentation	
			ack Next Impor	t Cancel	2013-01-14 10:23	18 269	Documentation	
	BLRAW.CDA.ActContainer.cis				2013-01-14 10:23	18 218	B Documentation	

Figure 3-9: Show selected classes for import

- 6. Select Import.
- 7. Ensure that the load finished successfully and select **Done**.

InterSyster	Management Portal	Home About Help Contact Logout
Server		nce HEALTHSHARE
System > Classes	IMPORT CLASSES User Namespace	Last update: 2024-10-04 12:55:59.380
Lookin: Namespace  BLRAMCMBA System Items System Items Generated Items Show SQL Info Link Begin date (yyyy-mm-dd) End date (yyyy-mm-dd) Class name '*.cls Maximum rows 1000	Import result Import in Selected Classes from G:\BLRAM\Exports\BLRAM_LR_v5_2_p1056.xml Import to Namespace BLRAMCMBA. Load started on 10/04/2024 13:09:02 Loading file G:\BLRAM.Rev5_2_p1056.xml as xml Imported class: BLRAM.Prod.Build.DTL.create.AROsummaryED Imported class: BLRAM.Prod.Build.DTL.create.AROsummaryED Imported class: BLRAM.Prod.Build.DTL.create.AROsummaryED Imported class: BLRAM.Prod.Build.DTL.create.AROsummaryED Imported class: BLRAM.Prod.Build.DTL.create.AROsummaryED Imported class: BLRAM.Prod.Processes.Process300 Imported class: BLRAM.Prod.Processes.Process300 Imported class: BLRAM.Prod.Build.DTL.create.AROsummaryED is up-to-date. Class BLRAM.Prod.Build.DTL.create.AROsummaryED is up-to-d	Size           Date         Size           2021-05-18 17:53:29         3212         Documentation           2024-09-26 11:24:11         1199         Documentation           2024-09-26 11:24:11         1192         Documentation           2024-09-26 11:24:11         1192         Documentation           2013-01-14 10:23:18         169         Documentation           2013-01-14 10:23:18         230         Documentation           2013-01-14 10:23:18         231         Documentation           2013-01-14 10:23:18         235         Documentation           2013-01-14 10:23:18         245         Documentation           2013-01-14 10:23:18         255         Documentation           2013-01-14 10:23:18         255         Documentation           2013-01-14 10:23:18         255         Documentation           2013-01-14 10:23:18         255         Documentation           2013-01-14 10:23:18         257         Documentation           2013-01-14 10:23:18         257         Documentation           2013-01-14 10:23:18         257         Documentation           2013-01-14 10:23:18         257         Documentation           2013-01-14 10:23:18         259         Documentation
	Back Next Import C	2013-01-14 10:23:18 269 Documentation 2013-01-14 10:23:18 218 Documentation

Figure 3-10: Import Classes-Import result

#### 3.3 Restart the Production

1. Go back to the **HS Management Portal** home page.

InterSystems"	Management Portal	Home	About Help Contact	Logout		
Server Names	pace BLRAMCMBA <u>switch</u> User	Licensed To OIT-EHR2-DEV Instan	CE HEALTHSHARE			
Welcome,	View:					
n Home	Welcome to the Mana	gement Portal				
(d) Health	Favorites	Favorites		Did you know?		
	Go to a favorite page		There are over 13 different	did-you-know tips!		
Analytics						
lnteroperability						
🔅 System Operation	Recent		Links			
-0-	Go to a recently viewed page		Pages you may be interest	ed in		
🔍 System Explorer	Production Configuration	Production Configuration ×		Documentation Support InterSystems		
System Administration						

Figure 3-11: HealthShare Management Portal Home Page

- 2. Go to the **Production** configuration page.
- 3. Select Interoperability | Configure | Production

InterSystems™ IRIS Data Platform	Management Porta	I				Home	About	Help	Contact	Logout
Server Namespa	ce BLRAMCMBA Switch	Use	r Licensed 1	OIT-E	HR2-DEV	Instan	ce HEALT	HSHARE	Ξ	
Welcome, shend	erson vie	•w:								
Home	Configure	>	Production	0						
	Build	>	Production EXtensions Components	0						
( Health	View	>	Business Partners	0						
	List	>	Credentials	0						
	Monitor	>	Schedule Specs	0						
Analytics	Manage	>	Data Lookup Tables	0						
	Interoperate	>	System Default Settings	0						
Minteroperability	Test	>	Purge Data Settings	0						
معر			Enterprise Systems	0						
💱 System Operation			Public-Service Registry							
			External-Service Registry	<b>y</b> ©						
🔍 System Explorer			Message Bank Link	0						
System Administration										

Figure 3-12: Select the Production

4. Select **Start** production.

InterSyster	Management Portal	Home Health About I	Help Logou
Server	Namespace BLRAMCMBC Switch User	Licensed To OIT-EHR2-DEV Instance HEALTHSHARE	
Interoperability > Production 0	Configuration - (BLRAM.Prod.Production)		
Production	Configuration	Start Stop	Sort:
Production Stopped	Category: All	Legend Production Settings	»
Services 🕣	Processes 💮	Operations 🕤	
<ul> <li>Alert</li> </ul>	<ul> <li>BuildDocuments(s)</li> </ul>	<ul> <li>EmailAlert</li> </ul>	
Receive Job information	Ens.Alert	Save Doc	



#### 4.0 Sample Installations

#### 4.1 Sample RPMS KIDS Install

```
NOTE: This example install was done on a development system, which
         is why the "was loaded" message appears.
Select OPTION NAME: XPD MAIN
                                   Kernel Installation & Distribution System
    NOTE: Due to the VA Patch's setting of data in various files,
          there will be "errors" reported during installation. These
          are not "errors" and can be safely ignored. They are caused
          by previous RPMS updates to the various LOINC files.
Select Kernel Installation & Distribution System <TEST ACCOUNT>
Option: INSTALLation
   1
         Load a Distribution
   2
         Verify Checksums in Transport Global
         Print Transport Global
   3
         Compare Transport Global to Current System
   4
   5
         Backup a Transport Global
   6
          Install Package(s)
          Restart Install of Package(s)
          Unload a Distribution
Select Installation <TEST ACCOUNT> Option: 1 Load a Distribution
Enter a Host File: G:\EXPORT\lr 0520.56k
KIDS Distribution saved on Aug 09, 2024@10:35:54
Comment: IHS Lab Patch LR*5.2*1056
This Distribution contains Transport Globals for the following Package(s):
  LR*5.2*1056
   LR*5.2*567
Distribution OK!
Want to Continue with Load? YES//
Loading Distribution...
   LR*5.2*1056
  LR*5.2*567
Use INSTALL NAME: LR*5.2*1056 to install this Distribution.
   1
         Load a Distribution
   2
         Verify Checksums in Transport Global
   3
         Print Transport Global
         Compare Transport Global to Current System
   4
   5
         Backup a Transport Global
   6
          Install Package(s)
          Restart Install of Package(s)
          Unload a Distribution
Select Installation <TEST ACCOUNT> Option: INSTALL Package(s)
```

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Select INSTALL NAME: LR\*5.2\*1056 Loaded from Distribution 8/9/24@10:50:37 => IHS Lab Patch LR\*5.2\*1056 ;Created on Aug 09, 2024@10:35:54 This Distribution was loaded on Aug 09, 2024@10:50:37 with header of IHS Lab Patch LR\*5.2\*1056 ;Created on Aug 09, 2024@10:35:54 It consisted of the following Install(s): LR\*5.2\*1056 LR\*5.2\*567 Checking Install for Package LR\*5.2\*1056 Install Questions for LR\*5.2\*1056 Checking Install for Package LR\*5.2\*567 Install Questions for LR\*5.2\*567 Incoming Files: 64 WKLD CODE Note: You already have the 'WKLD CODE' File. 64.061 LAB ELECTRONIC CODES (including data) Note: You already have the 'LAB ELECTRONIC CODES' File. I will OVERWRITE your data with mine. 64.2 WKLD SUFFIX CODES (including data) Note: You already have the 'WKLD SUFFIX CODES' File. I will OVERWRITE your data with mine. 64.81 LAB NLT/CPT CODES (including data) Note: You already have the 'LAB NLT/CPT CODES' File. I will OVERWRITE your data with mine. LAB LOINC (including data) 95.3 Note: You already have the 'LAB LOINC' File. I will REPLACE your data with mine. LAB LOINC COMPONENT (including data) 95.31 Note: You already have the 'LAB LOINC COMPONENT' File. I will OVERWRITE your data with mine. Want KIDS to INHIBIT LOGONs during the install? NO// Want to DISABLE Scheduled Options, Menu Options, and Protocols? 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// Virtual 

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```
Complete
                                        LR*5.2*1056
 Install Started for LR*5.2*1056 :
              Aug 09, 2024@10:50:59
Build Distribution Date: Aug 09, 2024
 Installing Routines:
              Aug 09, 2024@10:50:59
 Updating Routine file ...
 Updating KIDS files...
 LR*5.2*1056 Installed.
             Aug 09, 2024@10:50:59
 NO Install Message sent
                                                         LR*5.2*567
 Install Started for LR*5.2*567 :
              Aug 09, 2024@10:50:59
Build Distribution Date: Aug 09, 2024
 Installing Routines:
              Aug 09, 2024@10:50:59
 Running Pre-Install Routine: PRE^LR567
              Sending install started alert to mail group G.LMI
                        *** Pre install completed ***
 Installing Data Dictionaries:
             Aug 09, 2024@10:50:59
 Installing Data:
** ERROR IN DATA FOR FILE # 95.3 **
Record with .01 value 5 and internal entry #5
could not be added to file 95.3.
Record with .01 value 10 and internal entry #10
could not be added to file 95.3.
Record with .01 value 11 and internal entry #11
could not be added to file 95.3.
Record with .01 value 12 and internal entry #12
could not be added to file 95.3.
Record with .01 value 14 and internal entry #14
could not be added to file 95.3.
Record with .01 value 18 and internal entry #18
could not be added to file 95.3.
Record with .01 value 22 and internal entry #22
could not be added to file 95.3.
Record with .01 value 26 and internal entry #26
```

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could not be added to file 95.3. Record with .01 value 30 and internal entry #30 could not be added to file 95.3. Record with .01 value 34 and internal entry #34 could not be added to file 95.3. Record with .01 value 38 and internal entry #38 could not be added to file 95.3. Record with .01 value 42 and internal entry #42 could not be added to file 95.3. Record with .01 value 46 and internal entry #46 could not be added to file 95.3. Record with .01 value 50 and internal entry #50 could not be added to file 95.3. Record with .01 value 54 and internal entry #54 could not be added to file 95.3. Record with .01 value 58 and internal entry #58 could not be added to file 95.3. Record with .01 value 62 and internal entry #62 could not be added to file 95.3. Record with .01 value 66 and internal entry #66 could not be added to file 95.3. Record with .01 value 70 and internal entry #70 could not be added to file 95.3. Record with .01 value 74 and internal entry #74 could not be added to file 95.3. Record with .01 value 78 and internal entry #78 could not be added to file 95.3. Record with .01 value 82 and internal entry #82 could not be added to file 95.3. Record with .01 value 86 and internal entry #86 could not be added to file 95.3. Record with .01 value 90 and internal entry #90 could not be added to file 95.3. Record with .01 value 94 and internal entry #94 could not be added to file 95.3. Record with .01 value 98 and internal entry #98 could not be added to file 95.3. Record with .01 value 102 and internal entry #102 could not be added to file 95.3. Record with .01 value 106 and internal entry #106 could not be added to file 95.3.

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Figure 4-1: Sample RPMS KIDS Install

All errors will not be included in the sample install display.

```
Running Post-Install Routine: POST^LR567

*** Post install started ***

Sending install completion alert to mail group G.LMI

*** Update of LOINC Files: 129.1 129.11 129.12 129.13 started ***

*** Update of LOINC Files: 129.1 129.11 129.12 129.13 completed ***

*** Post install completed ***

Updating Routine file...

Updating KIDS files...

LR*5.2*567 Installed.

Aug 09, 2024@10:53:22

NO Install Message sent

Install Completed
```

Figure 4-2: Sample Installation screen

### Glossary

#### Health Level 7

An international standard messaging system for passing data from one site to another. The AU/AU exports format data from RPMS to the NHSN using HL7 messages.

#### Onboarding

In order to attest to the CMS measure, the site will need to register with NHSN to indicate participation in the Patient Safety with the AUR module. The site will receive an NHSN assigned Facility OID to update in the AUR site parameters to allow the upload of the monthly files to NHSN.

## Acronym List

Acronym	Meaning	
ARO	Antimicrobial Resistance Option	
AUP	Antimicrobial Use	
AUR	Antimicrobial Use and Resistance	
CDA	Clinical Document Architecture	
CDC	Centers for Disease Control and Prevention	
DNS	Domain Name System	
ELR	Electronic Lab Reporting	
FTP	File Transfer Protocol	
HAI	Healthcare Associated Infection	
HHS	Health and Human Services	
HL7	Health Level Seven	
ICD	International Classification of Disease	
IHS	Indian Health Service	
IP	Internet Protocol	
LOINC	Logical Observation Identifiers Names and Codes	
NHSN	National Health and Safety Network	
PCC	Patient Care Component	
RPMS	Resource and Patient Management System	
SFTP	Secure Shell File Transfer Protocol	
SVAP	Standards Version Advancement Process	

## **Contact Information**

If you have any questions or comments regarding this distribution, please contact the IHS IT Service Desk.

Phone: (888) 830-7280 (toll free)

- Web: <u>https://www.ihs.gov/itsupport/</u>
- Email: itsupport@ihs.gov