



RESOURCE AND PATIENT MANAGEMENT SYSTEM

Immunization Data Exchange

(BYIM)

Installation Guide and Release Notes

Version 3.0 Patch 8
March 2026

Office of Information Technology
Division of Information Technology

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Revision History

Version	Date	Sections	Summary of Changes
1.0	11/06/2025	All	Document Creation
2.0	3/16/2026	5.2.6 5.2.10	Corrected typos in Table 5-2, Added new section regarding security key assignments

1.0 Release Notes

Immunization Data Exchange (BYIM), also known as Immunization Data Exchange, is a two-way Generic Interface System (GIS) HL7 interface that allows the exchange of immunization data with State immunization registries.

The RPMS side of Immunization Data Exchange Menu (IIMM) is designed to automatically send newly added and edited immunizations via a daily batch export running as a background job and has options to manually send the complete immunization history for each patient to the respective state registry.

Version 3.0 patch 8 moves the transmission functionality from the Simple Message Mover (SMM) third-party application to an IRIS production.

Table 1-1: List of Features in Version 3 Patch 8

FID	Name
91301	BYIM: Simple Message Mover (SMM) replacement
108086	BYIM: Update for Insights and Conditions of Maintenance
108698	BYIM: Add Audit Logging

2.0 Installation Notes

Prefix: BYIM
Current Version: v3.0 p8

2.1 Contents of Distribution

File	Description
byim0300.08k	BYIMv3.0 p8 KIDS installation file
byim0300.08i.pdf	BYIMv3.0 p8 Installation Manual
byim0300.08o.pdf	BYIMv3.0 p8 Addendum to User Manual
byim0300.08t.pdf	BYIMv3.0 p8 Technical Manual

2.2 Required Resources

The BYIM application requires InterSystems IRIS version 2022 or greater. The BYIM application does not require a specific version of the operating system.

Module	Minimum Version
VA FileMan (DI)	v22.0 p1018 or later
VA Kernel (XU)	v8.0 p1018 or later
Immunization Data Exchange (BYIM)	v3.0 p7
Generic Interface (GIS) v3.01 or later	v3.01
IHS Immunization System (BI) v8.5 P28	v8.5 p28

Note: The site must have an account with their State Immunization Registry for secure transfer of the immunization data to the state.

2.3 Before You Begin: Installation Issues

1. Make a copy of this package distribution for offline storage.
2. Print all notes/readme files.
3. Capture the terminal output during the installation using an auxport printer attached to the terminal used to perform the software installation to ensure a printed audit trail should any problems arise.

3.0 Installation Instructions

3.1 Pre-Installation Instructions

1. Refer to the Installation Steps and the Sample Installation sections below for the applicable prompts and user responses. User responses display in bold type. Make sure you understand all steps that need to be taken prior to starting the installation process.
2. Download the byim0300.08k file from the Clinical Applications download site.
3. It is recommended that the BYIM v3.0 p8 not be installed when immunization messages are being created. So, it should not be installed during peak business hours when clinicians may be creating state history/forecast messages. The installation should suspend all BYIM background jobs while it is installed. However, it might be a good idea to not install when the nightly background job is scheduled to run just to prevent any possible complications.
4. After the installation of the release, a conversion process will be running in the background, which may take over an hour to run. Since the conversion is processing old, previously created messages, it will not impact new immunization messages and so new immunization messages can be created.

3.2 Reinstallation

If re-installing BYIM v3.0 p8, please follow the steps below.

3.2.1 Stop the BYIM Local Production

1. From the IRIS Management Portal, ensure the Namespace is the newly created BYIM namespace ('BYIM' concatenated with the RPMS Namespace name). Click Interoperability | Configure >> | Production.

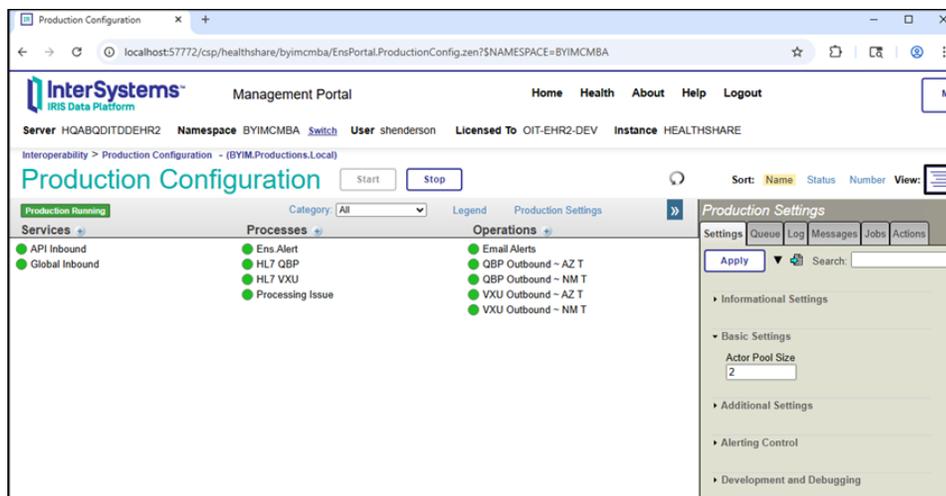


Figure 3-1: Production configuration page prior to being started for the first time.

2. Select the Stop button.

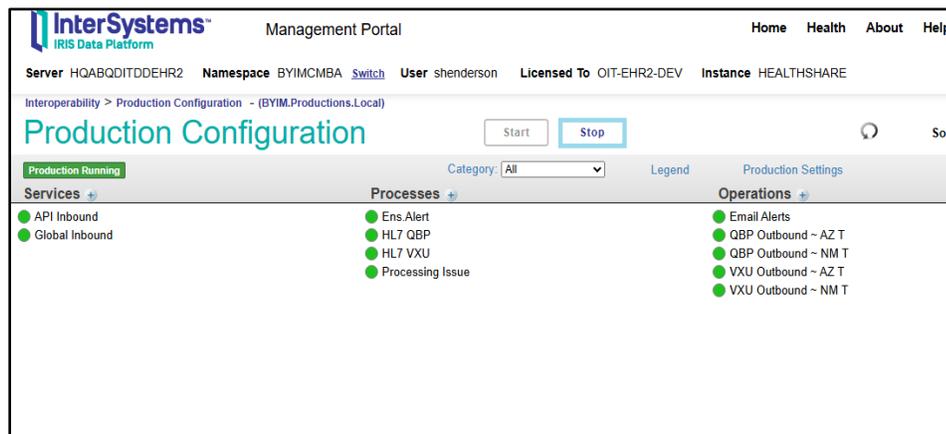


Figure 3-2: Production configuration page showing the Stop button

3.3 New Installation

Follow these steps if installing BYIM v3.0 p8 for the first time.

3.3.1 State Connection Settings

For each state the site will exchange data with, identify the username, password, and Facility ID to be used in connecting to the state. This information will be needed to populate the destination entry for each state in Section 5.2.5. These values will be required for the application to set up connections to the states in the IRIS production.

These values were populated when the Simple Message Mover (SMM) was initially set up. If you do not know any of these values, you may need to contact your State IIS to determine the correct values to use. Make sure you have this information before continuing the installation. Until these values are populated as instructed in Section 5.2.5, immunization messages will not be transferred to the state IIS.

3.3.2 BYIM State Exchange Configuration

The installation process will verify that the states that had previously been entered in the BYIM application are valid states, i.e., that each state is one of the fifty US states. If any state is invalid or missing, the installation process will prompt the user to enter the correct state.

It is recommended that you review the primary exchange state and any additional exchange states with the BYIM package manager before beginning the installation process to verify that all parameters, including the exchange state are configured and that all required values are entered for the primary state and each additional exchange state.

1. Go to the BYIM main menu.
2. Enter **SET**, then enter **SET** again. The BYIM parameters will be displayed.

```

Site: CIMARRON HOSPITAL

PathOUT: c:\smm\request\           Ages...: ALL AGES
Path IN: C:\SMM\response\
MSH-3.1: RPMS           MSH-3.2:           MSH-3.3:
MSH-4.1: 2532           MSH-4.2:           MSH-4.3:
MSH-5.1: SIIS           MSH-5.2:           MSH-5.3:
MSH-6.1:                MSH-6.2:           MSH-6.3:           Version: 2.5.1 R1.5
2016+
MSH21.1: Z22           MSH21.2: CDCPHINVS
MSH22.1:                MSH22.6:           MSH22.7:           MSH22.10:
MSH23.1:                MSH23.6:           MSH23.7:           MSH23.10:
PID11.7: LEGAL         RXA-5.1: CVX AND NDC           RXA-6.1 : 999
File Extension.....: dat           Protection Indicator: REQUIRED
Purge Messages after.....: 90 days           Include Insurance...: NO
Barcode/Vac type Seg.....: VIS BARCODE           Auto Query Mode.....: CHECK-IN ONLY
Use Loc of Enc for MSH-22: YES           Exchange State.....: ARIZONA

Select one of the following:

1           Edit parameters for ARIZONA
2           Add specific FACILITY(IES) for ARIZONA export
3           Add ARIZONA specific IIS code(s)

Which ADDITIONAL export function for ARIZONA:

```

Figure 3-3: BYIM Parameters screen

3. On the screen in the righthand column is the “Exchange State:.....:” label followed by the name of the state. If the exchange state is missing or incorrect select option **1 Edit parameters for (name of state)**.

```

1          Edit parameters for ARIZONA
2          Add specific FACILITY(IES) for ARIZONA export
3          Add ARIZONA specific IIS code(s)

Which ADDITIONAL export function for ARIZONA: 1 <ENTER> Edit parameters for
ARIZONA

State site exchanges with.....: ARIZONA//

```

Figure 3-4: Editing parameters for the exchange state

4. At the “State site exchanges with.....:” prompt, enter the correct state then press **Enter**.

If your site has any additional states setup, use the **IZAD** option and steps similar to the above in order to make sure the State Exchange is correctly populated for the additional states.

3.3.3 Remove Simple Message Mover (SMM) from Tomcat

The instructions for removing Simple Message Mover from Tomcat differ depending on the operating system. Windows instructions are in Section 3.3.3.1 and UNIX/AIX instructions are in Section 3.3.3.2.

3.3.3.1 Windows

3.3.3.1.1 Stop Tomcat

1. In Windows Server, right-click on the Start menu and select Computer Management.
2. Expand Services and Applications.
3. Select Services.
4. Locate Tomcat in the list of services. Right-click and select Stop.

3.3.3.1.2 Remove the **smm.war** file and **smm** folder

1. Open Windows Explorer and navigate to the directory C:\Program Files(x86)\Apache Software Foundation\Tomcat x.x\webapps (for 32-bit Tomcat) or C:\Program Files\Apache Software Foundation\Tomcat x.x\webapps (for 64-bit Tomcat). The actual name of the Tomcat directory will vary depending on the version of Tomcat installed. If Tomcat is installed on a drive other than C:\, navigate to the corresponding directory on the drive where Tomcat is installed.
2. Right-click on the **smm.war** file and select Delete.

3. Right-click on the smm directory and select Delete.

3.3.3.1.3 Start Tomcat

Note that if Tomcat version 9 is not used by any site-specific applications, it can be uninstalled. If it is still used, then restart following the restart directions below. Note that Tomcat version 10 is used by the ICE forecaster and should not be uninstalled.

1. In Windows Server, right-click on the Start menu and select Computer Management.
2. Expand Services and Applications.
3. Select Services.
4. Locate Tomcat in the list of services. Right-click and select Start.

3.3.3.2 UNIX/AIX

3.3.3.2.1 Stop Tomcat

1. In an AIX shell, run the command **crontab -l**.
2. Locate a line containing a tomcat directory and a shutdown.sh command. Ignore any line that starts with the # character, as that line is commented out and is not useful for the purposes of identifying the current Tomcat shutdown command.
3. Identify the shutdown command as the shutdown.sh command and the preceding directory path. For example, if the line looks like

```
0 2 * * * /usr4/tomcat9/bin/shutdown.sh > /tmp/tomcat.out 2>&1 &&  
/usr4/tomcat9/bin/startup.sh >> /tmp/tomcat.out 2>&1
```

Figure 3-5: Example preceding directory path

- a. Then the shutdown command would be `/usr4/tomcat9/bin/shutdown.sh`.
4. Enter the shutdown command at the AIX shell prompt.
 5. Verify the shutdown has completed by entering the command **ps -ef | grep tomcat**. If the command doesn't return any output, then the shutdown has completed. If the shutdown is still running, wait a short while, then re-enter the **ps -ef | grep tomcat** command to verify the shutdown has finished.

3.3.3.2.2 Remove the smm.war File and smm Folder

1. From the shutdown command that was identified in Section 3.3.3.2.1, identify the Tomcat directory as the parent of the /bin directory. For example, if the shutdown command was `/usr4/tomcat9/bin/shutdown.sh`, then the Tomcat directory would be `/usr4/tomcat9`.

2. Remove the `smm.war` file from the `webapps` subdirectory of the Tomcat directory. For example, if the Tomcat directory was `/usr4/tomcat9`, then enter the command **`rm /usr4/tomcat9/webapps/smm.war`**.
3. Remove the `smm` directory from the `webapps` subdirectory of the Tomcat directory. For example, if the Tomcat directory was `/usr4/tomcat9`, then enter the command **`rm /usr4/tomcat9/webapps/smm`**.

3.3.3.2.3 Start Tomcat

Note that if Tomcat version 9 is not used by any site-specific applications, it can be uninstalled. If it is still used, then restart following the restart directions below. Note that Tomcat version 10 is used by the ICE forecaster and should not be uninstalled.

1. Identify the startup command by replacing “`shutdown.sh`” in the shutdown command from Section 3.3.3.2.1 with “`startup.sh`”. For example, if the shutdown command was `/usr4/tomcat9/bin/shutdown.sh`, then the startup command would be **`/usr4/tomcat9/bin/startup.sh`**.
2. Verify Tomcat started by running the command **`netstat -aon | grep 8080`**. If the command returns output, then Tomcat has successfully restarted.

3.3.4 Create a Directory for the BYIM Database

When installing v3 p8 for the first time, the installation process will create a new database and namespace for the BYIM interoperability production. Create a directory to hold the new database and then verify the permissions on the directory by following the instructions in Section 3.3.4.1 for sites running Windows or Section 3.3.4.2 for sites running UNIX/AIX.

3.3.4.1 Windows

1. Identify where to create a new directory to hold the new BYIM database following the conventions at the site. If in doubt, create the new directory in the same parent directory as other databases at the site.
2. Create the new directory by navigating to the parent directory in Windows Explorer, right-clicking somewhere not on an existing file or directory and selecting **New | Folder**.
3. Determine the directory permissions of the RPMS database by performing the following steps:
 - a. Sign on to IRIS’s Management Portal.
 - b. Click on **System Administration** at the bottom of the left column. Then click **Configuration > | System Configuration > | Local Databases**.

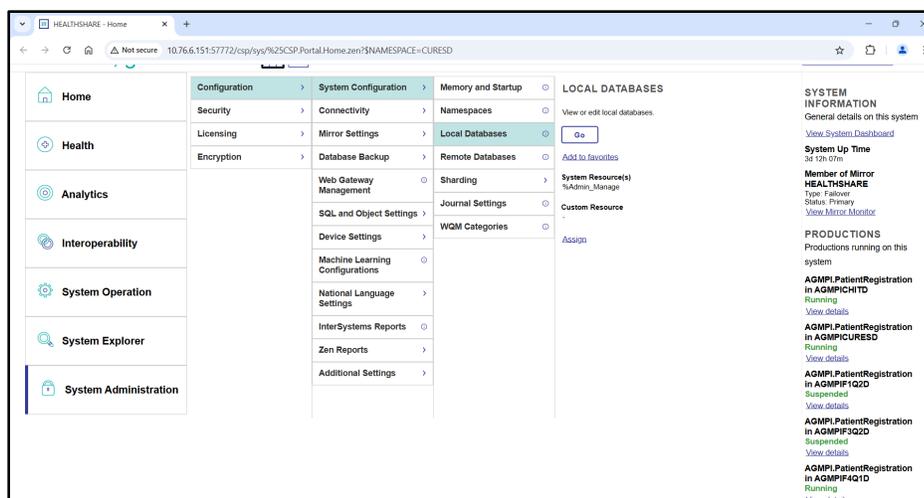


Figure 3-6: IRIS's Management Portal, Local Databases option

- c. On the Local Databases screen, find the row corresponding to the RPMS database and make a note of the value in the Directory column. This value is the RPMS database directory.
- d. Open Windows Explorer and navigate to the parent directory of the RPMS database directory.
- e. Right-click on the RPMS database directory and click Properties.
- f. In the Properties dialog, click on the Security tab.
- g. Leave the Properties dialog open for reference in step 4d.
4. Verify that the directory for the new BYIM database has the same permissions by performing the following steps:
 - a. In Windows Explorer, navigate to the parent directory of the BYIM database directory.
 - b. Right-click on the BYIM directory name and click **Properties**.
 - c. Click on the **Security** tab.
 - d. Return to the RPMS directory **Properties** dialog from the previous step. Click on each entry in the **Group or user names** box and compare the settings in the **Permissions** box with the settings in the **Permissions** box for that same group or user in the BYIM directory **Properties** dialog. If there are any permission differences, click **Edit** on the BYIM directory **Properties** dialog and make the necessary changes. If any group or user is missing from the BYIM directory **Properties** dialog, click **Edit** and add the missing group or user.
 - e. Click **OK** in each **Properties** dialog to save the changes and close the dialog.

3.3.4.2 UNIX/AIX

1. Identify where to create a new directory to hold the new BYIM database following the conventions at the site. If in doubt, create the new directory in the same parent directory as other databases at the site.
2. Create the new directory by navigating to the parent directory and entering the command **mkdir** followed by the name of the directory.
3. Determine the directory permissions of the RPMS database by performing the following steps:
 - a. Sign on to IRIS's Management Portal.
 - b. Click on **System Administration** at the bottom of the left column. Then click **Configuration > | System Configuration > | Local Databases**.

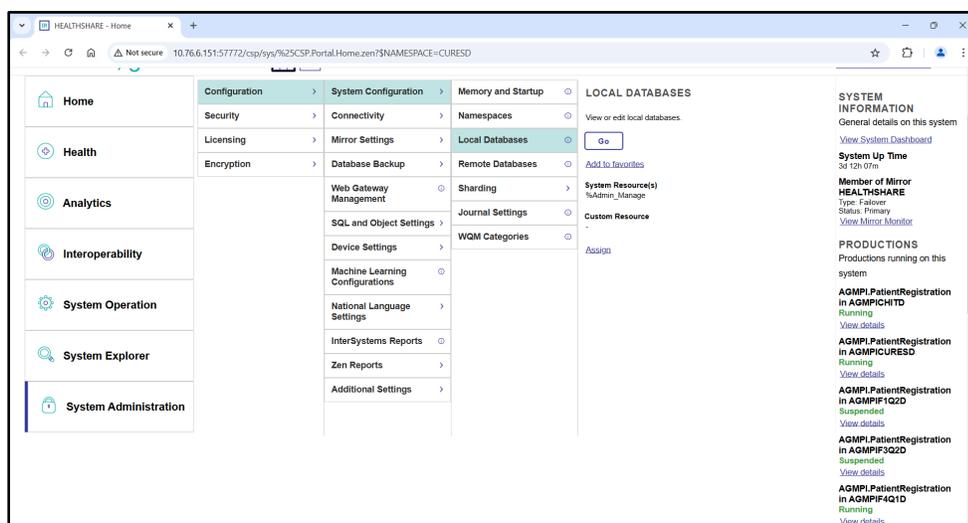


Figure 3-7: IRIS's Management Portal, Local Databases option

- c. On the **Local Databases** screen, find the row corresponding to the RPMS database and make a note of the value in the **Directory** column. This value is the RPMS database directory.
- d. Log in to the UNIX/AIX system as the superuser ("root").
- e. Type the following command to find the permissions for the RPMS database directory:

```
# > ls -l /usr1/cachedata
```

Figure 3-8: Command to find permissions for RPMS database directory

where **/usr1/cachedata** is the parent directory of the RPMS database directory.

The system will display one or more lines similar to the following:

```
drwxrwxrwx  1 user group  4096  RPMS
```

Figure 3-9: Output showing rwxrwxrwx permissions for the directory

Find the line for the RPMS database directory and note the permissions. In this example, the permissions are “rwxrwxrwx”. The initial “d” indicates this is a directory and may be ignored here.

4. Verify that the directory for the new BYIM database has the same permissions by performing the following steps:
 - a. Log in to the UNIX/AIX system as the superuser (“root”).
 - b. Type the following command to find the permissions for the BYIM database directory:

```
# > ls -l /usr1/cachedata
```

Figure 3-10: Command to find permissions for BYIM database directory

where **/usr1/cachedata** is the parent directory of the new BYIM database directory.

The system will display one or more lines similar to the following:

```
drwxrwxrwx  1 user group  4096  BYIMRPMS
```

Figure 3-11: Output showing rwxrwxrwx permissions for the directory

Find the line for the BYIM database directory and note the permissions. In this example, the permissions are “rwxrwxrwx”. The initial “d” indicates this is a directory and may be ignored here.

- c. If the directory permissions for the BYIM database directory are not the same as the directory permissions for the RPMS database directory, enter the following command to change the permissions of the BYIM database directory:

```
# > chmod u=rwx,g=rwx,o=rwx /usr1/cachedata/BYIMRPMS
```

Figure 3-12: Command to change the permissions of the BYIM directory

where: **u=rwx** contains the first three characters of the RPMS directory permissions (user permissions)

g=rwx contains the second three characters of the RPMS directory permissions (group permissions)

o=rwx contains the third three characters of the RPMS directory permissions (others permissions)

`/usr1/cachedata/BYIMRPMS` is the name of the new BYIM database directory.

3.4 Install the BYIM 3.0 Patch 8 Build

1. Sign on to RPMS in the RPMS namespace as an IRIS administrator with the %All role. If the account does not have the %All role, it will not be possible to proceed with the KIDS install.
2. Access the **KIDS** menu options, **XPD MAIN**.
3. From the **KIDS** menu, select the **Installation** menu.
4. From the **Installation** menu, select option **1: Load a Distribution**.
5. Type **byim0300.08k** at the “Enter a Host File” prompt. It may be necessary to precede the file name with the appropriate host path. This file was retrieved from the Clinical Applications download site as part of pre-installation.
6. Type **Yes** (or press Enter to accept the default) at the “Want to Continue with Load? YES” prompt.
7. From the **Installation** menu, select option **2: Verify Checksums in Transport Global**. This option provides a mechanism for ensuring the integrity of the routines. It verifies checksums for the components of the Transport global, and reports any errors uncovered. Type **BYIM*3.0*8** as the install name.
8. Optional: The following installation options are optional. If using one of these options, use **BYIM*3.0*8** as the install name.
 - a. **Back Up a Transport Global**—This option creates a MailMan message that will back up all current routines on the system that would be replaced by this release.
 - b. **Compare Transport Global**—This option displays all changes that will result from the installation of this patch and compares them with the values currently loaded on the system (routines, data dictionaries, templates, etc.).
9. From the **Installation** menu, select the **Install Package(s)** option.
10. At the “Select Install Name” prompt, type **BYIM*3.0*8**.
11. Respond to the following prompts as indicated:
 - a. At the “Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES” prompt, type **NO**.
 - b. At the “Want KIDS to INHIBIT LOGONs during the install? YES” prompt, type **NO**.

- c. At the “Want to DISABLE Scheduled Options, Menu Options and Protocols? YES” prompt, type **NO**.
12. When prompted for DEVICE, accept the default to display the output on the screen or enter the name of the printer/file that to which the installation output should be redirected.
13. If the pre-installation step was not completed and the state with which the site is exchanging data is blank, the installer will see a “State site exchanges with.....” prompt. Enter the name of the state with which the site changes immunization data.
14. At the “Specify Full Directory path for the database for new namespace BYIMPRD” prompt (where PRD stands for the name of the RPMS namespace), enter the name of the directory that was created in Section 3.3.4 of this guide. Once the directory name is entered, the system will create a new database file in it and configure all necessary settings and mappings. The process will display about two dozen messages on the screen and may take a few minutes to complete. If reinstalling this KIDS build and the BYIM database was previously created, this step will be skipped.
15. The installation process will take a few minutes. When it is complete, exit the Installation menu.

4.0 Sample Installations

4.1 Sample Cache Install

Sample output of an installation is shown in Figure 4-1.

```

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 <TEST ACCOUNT> Option: Load a Distribution
Enter a Host File: c:\install\byim0300.08k

KIDS Distribution saved on Mar 27, 2025@10:53:24
Comment: BYIM*3.0*8

This Distribution contains Transport Globals for the following Package(s):
  BYIM*3.0*8
Distribution OK!

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

Build BYIM*3.0*8 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES//
  BYIM*3.0*8
Will first run the Environment Check Routine, BYIMIMM

Use INSTALL NAME: BYIM*3.0*8 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 <TEST ACCOUNT> Option: Install Package(s)
Select INSTALL NAME: BYIM*3.0*8      Loaded from Distribution      3/27/25@11:49:
46
      => BYIM*3.0*8 ;Created on Mar 27, 2025@10:53:24

This Distribution was loaded on Mar 27, 2025@11:49:46 with header of
BYIM*3.0*8 ;Created on Mar 27, 2025@10:53:24
It consisted of the following Install(s):
  BYIM*3.0*8

```

```
Checking Install for Package BYIM*3.0*8
Will first run the Environment Check Routine, BYIMIMM

Install Questions for BYIM*3.0*8

Incoming Files:

    90480      IZ PARAMETERS
Note:  You already have the 'IZ PARAMETERS' File.

    90480.2    IZ HL7 MESSAGES
Note:  You already have the 'IZ HL7 MESSAGES' File.

    90480.81   IZ BUSA REPORTING LOG
Note:  You already have the 'IZ BUSA REPORTING LOG' File.

    90480.94   IZ HL7 TRANSMISSION LOG
Note:  You already have the 'IZ HL7 TRANSMISSION LOG' File.

    90480.95   BYIM CLASS TRANSPORT (including data)
Note:  You already have the 'BYIM CLASS TRANSPORT' File.
I will OVERWRITE your data with mine.

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//  CONSOLE

Install Started for BYIM*3.0*8 :
      Mar 27, 2025@11:49:55

Build Distribution Date: Mar 27, 2025

Installing Routines:
      Mar 27, 2025@11:49:55

Running Pre-Install Routine: V3P8PRE^BYIMPATC
      Mar 27, 2025@11:49:55

Installing Data:
      Mar 27, 2025@11:49:55

Installing PACKAGE COMPONENTS:

Installing BULLETIN

Installing OPTION
      Mar 27, 2025@11:49:55

Running Post-Install Routine: V3P8POST^BYIMPATC (MAR 27, 2025@11:54)
The IZ HL7 MESSAGES (^BYIMRT) database will be converted to the
structure for the new message transmission mode.
```

To check progress of the conversion go to the BYIM Main Menu, select SET, then select SET again.

On the top line of the status display you will see 'CS: ' followed by a number or the word 'COMPLETE'
When 'COMPLETE' appears the conversion is 'COMPLETE'.

Press <ENTER> to continue or '^' to exit...:
Requested Start Time: NOW// (MAR 27, 2025@11:54:48)

Starting Post-Install Routine

Importing installer classes
List started on 03/27/2025 11:49:55
Listing file C:\InterSystems\HealthShare\mgr\Temp\oKU9FzQBjrgBjA.xml as xml
List finished successfully.

Load started on 03/27/2025 11:49:55
Loading file C:\InterSystems\HealthShare\mgr\Temp\7qegXqTRKeCRvg.xml as xml
Imported class: BYIM.Install.Installer
Compiling class BYIM.Install.Installer
Compiling routine BYIM.Install.Installer.1
Load finished successfully.

Updating 90480.95 record
Specify Full Directory path for the database for new namespace BYIMABC: f:\byimabc\

Creating BYIMABC namespace

```
2025-03-27 11:50:17 0 BYIM.Install.Installer: Installation starting at 2025-03-27
11:50:17, LogLevel=1
2025-03-27 11:50:17 1 CreateDatabase: Creating database BYIMABC in F:\BYIMABC\ with
resource %DB_%DEFAULT
2025-03-27 11:50:18 1 CreateNamespace: Creating namespace BYIMABC using
BYIMABC/BYIMABC
2025-03-27 11:50:18 1 ActivateConfiguration: Activating Configuration
2025-03-27 11:50:19 1 GlobalMapping: Adding globalmapping BYIMPARA to BYIMABC from
ABC
2025-03-27 11:50:19 1 GlobalMapping: Adding globalmapping BYIMRT to BYIMABC from ABC
2025-03-27 11:50:19 1 RoutineMapping: Adding routinemapping BYIMRTN. to BYIMABC from
ABC
2025-03-27 11:50:19 1 EnableEnsemble: Enabling BYIMABC
2025-03-27 11:50:25 1 ActivateConfiguration: Activating Configuration
2025-03-27 11:50:26 1 SystemSetting: Setting Config.Miscellaneous.EnableLongStrings
to 1
2025-03-27 11:50:26 1 CreateNamespace: Creating namespace ABC using ABC/ABC
2025-03-27 11:50:26 1 ActivateConfiguration: Activating Configuration
2025-03-27 11:50:27 1 ClassMapping: Adding classmapping BYIM to ABC from BYIMABC
2025-03-27 11:50:27 1 EnableEnsemble: Enabling ABC
2025-03-27 11:51:50 1 ActivateConfiguration: Activating Configuration
2025-03-27 11:51:51 0 BYIM.Install.Installer: Installation succeeded at 2025-03-27
11:51:51
2025-03-27 11:51:51 0 %Installer: Elapsed time 93.515324s
```

Importing BYIM package
List started on 03/27/2025 11:51:51
Listing file C:\InterSystems\HealthShare\mgr\Temp\NzIa7iNB8WatFg.xml as xml
List finished successfully.

Load started on 03/27/2025 11:51:51

```
Loading file C:\InterSystems\HealthShare\mgr\Temp\lLaysBp0Ub9NDg.xml as xml
Imported class: BYIM.Adapter.Inbound.Global
Imported class: BYIM.Adapter.Outbound.Soop
Imported class: BYIM.Operations.HTTPclient
Imported class: BYIM.Operations.SOAPclient
Imported class: BYIM.Processes.Alert
Imported class: BYIM.Processes.HL7
Imported class: BYIM.Processes.ProcessIssue
Imported class: BYIM.Productions.Local
Imported class: BYIM.Services.API
Imported class: BYIM.Services.Global
Imported class: BYIM.Storage.DD.Contact
Imported class: BYIM.Storage.DD.Credentials
Imported class: BYIM.Storage.DD.Destination
Imported class: BYIM.Storage.DD.Notifications
Imported class: BYIM.Storage.Messages.Processed
Imported class: BYIM.Util.Functions
Imported class: BYIM.Util.Install
Imported class: BYIM.WebClient.clientPortSoap12
Imported class: BYIM.ZEN.DestinationsApp
Imported class: BYIM.ZEN.destModel
Imported class: BYIM.ZEN.editDestination
Compiling 21 classes
Compiling class BYIM.Adapter.Inbound.Global
Compiling class BYIM.Adapter.Outbound.Soop
Compiling class BYIM.Productions.Local
Compiling class BYIM.Services.API
Compiling class BYIM.Services.Global
Compiling class BYIM.Operations.SOAPclient
Compiling class BYIM.Processes.HL7
Compiling class BYIM.Processes.Alert
Compiling class BYIM.Processes.ProcessIssue
Compiling class BYIM.Storage.Messages.Processed
Compiling class BYIM.Util.Functions
Compiling class BYIM.Util.Install
Compiling class BYIM.Operations.HTTPclient
Compiling class BYIM.ZEN.DestinationsApp
Compiling class BYIM.WebClient.clientPortSoap12
Compiling class BYIM.Storage.DD.Contact
Compiling class BYIM.Storage.DD.Credentials
Compiling class BYIM.Storage.DD.Notifications
Compiling class BYIM.ZEN.destModel
Compiling class BYIM.Storage.DD.Destination
Compiling class BYIM.ZEN.editDestination
Compiling table BYIM_Processes.Alert_MasterPendingResponses
Compiling table BYIM_Processes.Alert_MessagesReceived
Compiling table BYIM_Processes.Alert_MessagesSent
Compiling table BYIM_Processes.Alert__SynchronizedResponses
Compiling table BYIM_Processes.HL7_MasterPendingResponses
Compiling table BYIM_Processes.HL7_MessagesReceived
Compiling table BYIM_Processes.HL7_MessagesSent
Compiling table BYIM_Processes.HL7__SynchronizedResponses
Compiling table BYIM_Processes.ProcessIssue_MasterPendingResponses
Compiling table BYIM_Processes.ProcessIssue_MessagesReceived
Compiling table BYIM_Processes.ProcessIssue_MessagesSent
Compiling table BYIM_Processes.ProcessIssue__SynchronizedResponses
Compiling table BYIM_Storage_DD.Contact
Compiling table BYIM_Storage_DD.Credentials
Compiling table BYIM_Storage_DD.Destination
Compiling table BYIM_Storage_DD.Destination_BOclass
Compiling table BYIM_Storage_DD.Destination_Credentials
```

```

Compiling table BYIM_Storage_DD.Destination_DTLname
Compiling table BYIM_Storage_DD.Destination_IPandPort
Compiling table BYIM_Storage_DD.Destination_cType
Compiling table BYIM_Storage_DD.Destination_facilityId
Compiling table BYIM_Storage_DD.Destination_URL
Compiling table BYIM_Processes.ProcessIssue
Compiling table BYIM_Storage_Messages.Processed
Compiling table BYIM_Storage_DD.Notifications
Compiling table BYIM_Processes.Alert
Compiling routine BYIM.Adapter.Outbound.Soop.1
Compiling routine BYIM.Adapter.Inbound.Global.1
Compiling routine BYIM.Operations.HTTPclient.1
Compiling routine BYIM.Processes.AlertMessagesReceived.1
Compiling routine BYIM.Operations.SOAPclient.1
Compiling routine BYIM.Processes.AlertMasterPendingResponses.1
Compiling routine BYIM.Processes.AlertSynchronizedResponses.1
Compiling routine BYIM.Processes.Alert.1
Compiling routine BYIM.Processes.AlertMessagesSent.1
Compiling routine BYIM.Processes.HL7MessagesReceived.1
Compiling routine BYIM.Processes.HL7MasterPendingResponses.1
Compiling routine BYIM.Processes.HL7MessagesSent.1
Compiling routine BYIM.Processes.HL7SynchronizedResponses.1
Compiling routine BYIM.Processes.ProcessIssue.1
Compiling routine BYIM.Productions.Local.1
Compiling routine BYIM.Processes.HL7.1
Compiling routine BYIM.Services.API.1
Compiling routine BYIM.Processes.ProcessIssueMessagesReceived.1
Compiling routine BYIM.Processes.ProcessIssueMessagesSent.1
Compiling routine BYIM.Services.Global.1
Compiling routine BYIM.Processes.ProcessIssueMasterPendingResponses.1
Compiling routine BYIM.Storage.DD.DestinationBOclass.1
Compiling routine BYIM.Storage.DD.Credentials.1
Compiling routine BYIM.Storage.DD.DestinationCredentials.1
Compiling routine BYIM.Processes.ProcessIssueSynchronizedResponses.1
Compiling routine BYIM.Storage.DD.Contact.1
Compiling routine BYIM.Storage.DD.DestinationURL.1
Compiling routine BYIM.Storage.DD.DestinationcType.1
Compiling routine BYIM.Storage.DD.DestinationfacilityId.1
Compiling routine BYIM.Storage.DD.DestinationIPandPort.1
Compiling routine BYIM.Util.Install.1
Compiling routine BYIM.Util.Functions.1
Compiling routine BYIM.ZEN.DestinationsApp.1
Compiling routine BYIM.WebClient.clientPortSoap12.1
Compiling routine BYIM.Storage.DD.DestinationDTLname.1
Compiling routine BYIM.ZEN.destModel.1
Compiling routine BYIM.ZEN.editDestination.1
Compiling routine BYIM.Storage.DD.Notifications.1
Compiling routine BYIM.Storage.DD.Destination.1
Compiling routine BYIM.Storage.Messages.Processed.1
Compiling class BYIM.Processes.Alert.Context
Compiling class BYIM.Processes.Alert.Thread1
Compiling class BYIM.Processes.ProcessIssue.Context
Compiling class BYIM.Processes.ProcessIssue.Thread1
Compiling class BYIM.WebClient.clientPortSoap12.connectivityTest
Compiling class BYIM.WebClient.clientPortSoap12.submitSingleMessage
Compiling class BYIM.Processes.HL7.Thread1
Compiling class BYIM.Processes.HL7.Context
Compiling table BYIM_Processes_Alert.Context
Compiling table BYIM_Processes_Alert.Context__ResponseHandlers
Compiling table BYIM_Processes_Alert.Thread1
Compiling table BYIM_Processes_Alert.Thread1__PendingResponses
Compiling table BYIM_Processes_HL7.Context

```

```

Compiling table BYIM_Processes_HL7.Context__ResponseHandlers
Compiling table BYIM_Processes_Alert.Thread1__ChildThreads
Compiling table BYIM_Processes_HL7.Thread1
Compiling table BYIM_Processes_HL7.Thread1__PendingResponses
Compiling table BYIM_Processes_ProcessIssue.Context
Compiling table BYIM_Processes_ProcessIssue.Context__ResponseHandlers
Compiling table BYIM_Processes_ProcessIssue.Thread1
Compiling table BYIM_Processes_ProcessIssue.Thread1__ChildThreads
Compiling table BYIM_Processes_HL7.Thread1__ChildThreads
Compiling table BYIM_Processes_ProcessIssue.Thread1__PendingResponses
Compiling routine BYIM.Processes.Alert.Thread1.1
Compiling routine BYIM.Processes.Alert.Thread1PendingResponses.1
Compiling routine BYIM.Processes.Alert.Thread1ChildThreads.1
Compiling routine BYIM.Processes.Alert.ContextResponseHandlers.1
Compiling routine BYIM.Processes.Alert.Context.1
Compiling routine BYIM.Processes.HL7.Context.1
Compiling routine BYIM.Processes.HL7.ContextResponseHandlers.1
Compiling routine BYIM.Processes.HL7.Thread1PendingResponses.1
Compiling routine BYIM.Processes.HL7.Thread1ChildThreads.1
Compiling routine BYIM.Processes.HL7.Thread1.1
Compiling routine BYIM.Processes.ProcessIssue.ContextResponseHandlers.1
Compiling routine BYIM.Processes.ProcessIssue.Thread1.1
Compiling routine BYIM.Processes.ProcessIssue.Context.1
Compiling routine BYIM.WebClient.clientPortSoap12.connectivityTest.1
Compiling routine BYIM.Processes.ProcessIssue.Thread1PendingResponses.1
Compiling routine BYIM.Processes.ProcessIssue.Thread1ChildThreads.1
Compiling routine BYIM.WebClient.clientPortSoap12.submitSingleMessage.1
Load finished successfully.

```

```

Updating 90480.95 record
11:51:54.350:Ens.Director: StopProduction initiated.
11:51:54.373:Ens.Director: No Production is running (Stopped)
Compilation started on 03/27/2025 11:51:54 with qualifiers 'ck'
Compiling class BYIM.Productions.Local
Compiling routine BYIM.Productions.Local.1
Compilation finished successfully in 0.136s.

```

Setting up environmental variables

Post-install routine is complete

Updating Routine file...

Updating KIDS files...

BYIM*3.0*8 Installed.
Mar 27, 2025@11:51:54

Not a VA primary domain

NO Install Message sent

Install Completed

- 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 <TEST ACCOUNT> Option:
```

Figure 4-1: Sample KIDS installation

5.0 Installation Configuration

5.1 Reinstallation

5.1.1 Restore IRIS Production Settings

If this installation is a reinstallation of p8, then the KIDS install process saved the IRIS production settings. Follow the instructions in this section to restore them following a reinstallation. If this is the first time installing p8, skip this section and proceed to Section 5.2.

1. Go to RPMS Programmer Mode.
2. Enter the following command: **D POSTINS^BYIMRTN**

5.1.2 Restart the BYIM Local Production

1. From the IRIS Management Portal, ensure the Namespace is the newly created BYIM namespace ('BYIM' concatenated with the RPMS Namespace name). Click Interoperability | Configure >> | Production.

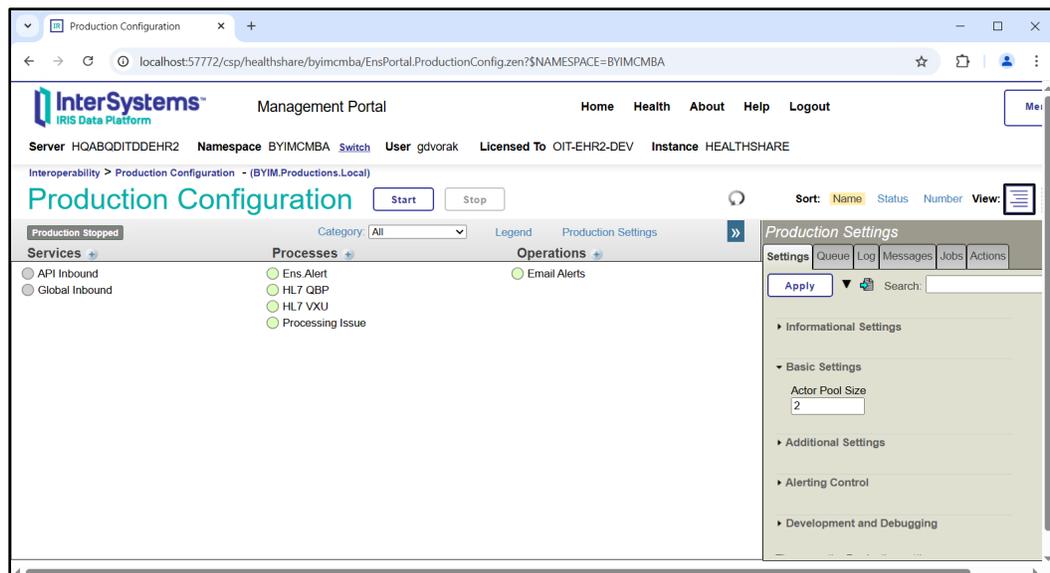


Figure 5-1: Production configuration page prior to being started for the first time.

2. Select the Start button. The production will be updated with the Business Operations for the State destinations you added within the setup of BYIM in RPMS and updated the destination within the Edit Destinations Zen page.

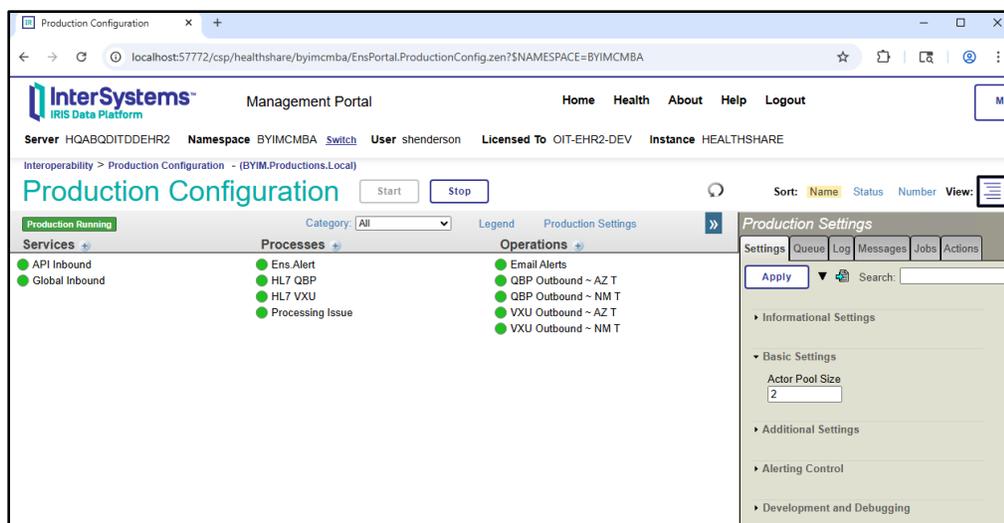


Figure 5-2: Production configuration page after the production restarts

In this test environment shown above, there were two State destinations defined within RPMS and the Destination class, NM and AZ. The T at the end of the BO name indicates this is a test environment, production environments will not have a trailing T in the name.

5.2 First Time Installation

5.2.1 Encrypt BYIM Database

The BYIM v3.0 p8 KIDS installation creates a BYIM database but does not encrypt this new database. If the site uses encryption, then the newly created BYIM database must be encrypted. The steps in this section describe how to encrypt the new database.

5.2.1.1 Dismount the Database

1. Sign on to IRIS's Management Portal.
2. Click on **System Operation** in the left column, then click **Databases**.

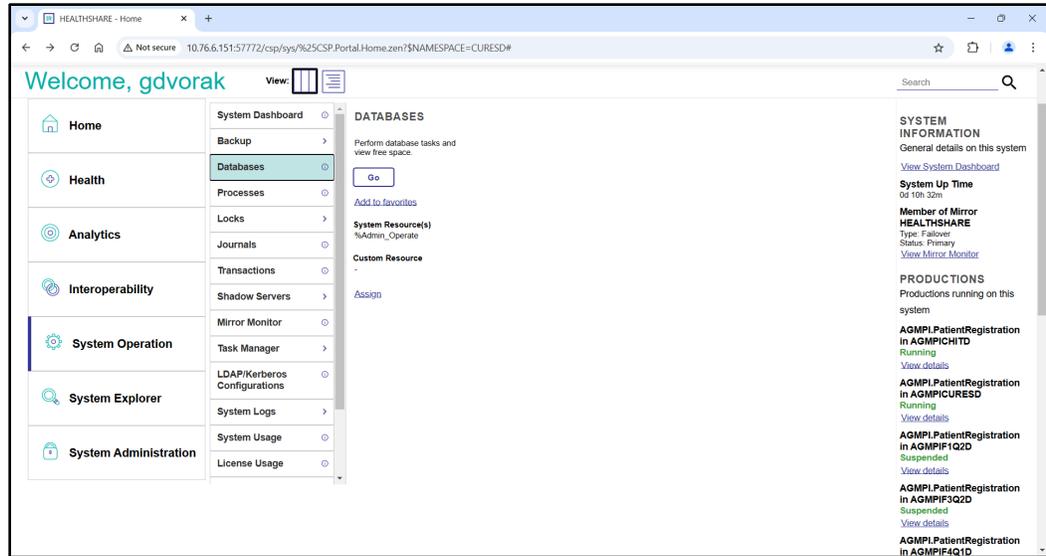


Figure 5-3: IRIS's Management Portal, Databases option

3. On the **Databases** screen, locate the BYIM database and click the name of the database.

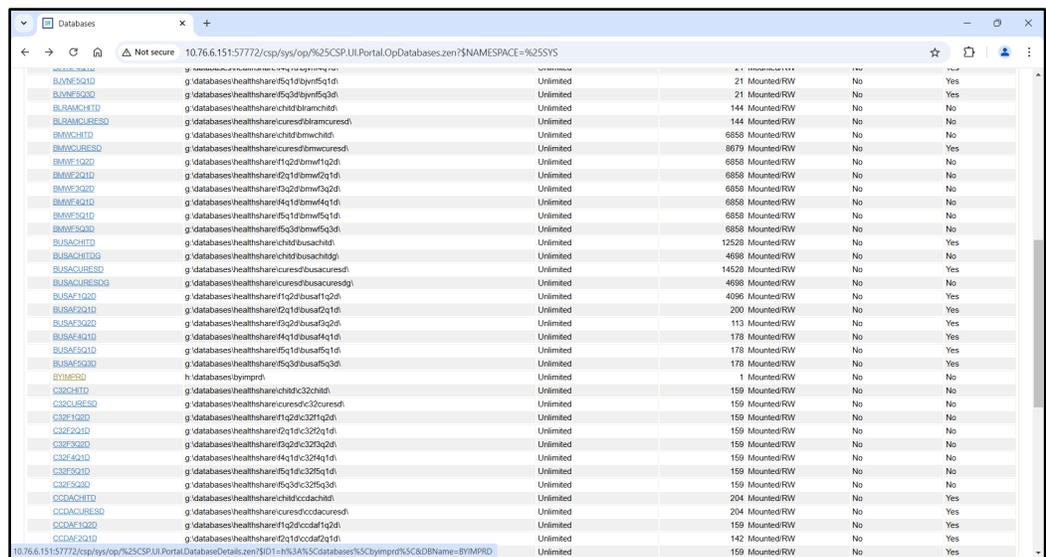


Figure 5-4: Databases screen

4. On the **Database Details** screen, click **Dismount**.

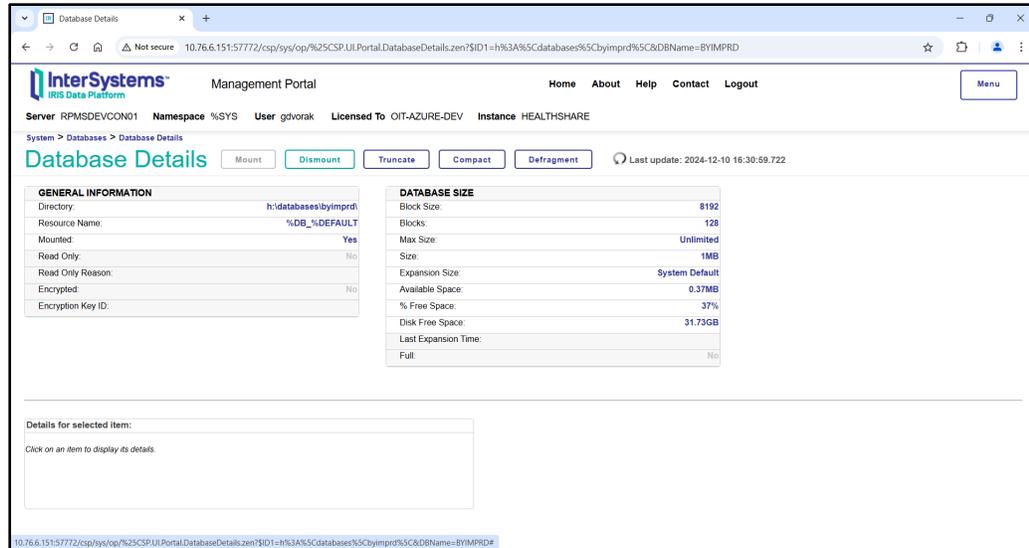


Figure 5-5: Database Details screen

- At the “Are you sure you want to dismount database BYIMXXX?” prompt, click **OK**.

5.2.1.2 Encrypt the Database

Encrypt the database following the instructions provided in the *How to Encrypt an RPMS Database* document. To obtain a copy of the document, contact the IT Service Desk.

5.2.1.3 Re-mount the Database

- Sign on to IRIS’s Management Portal.
- Click on **System Operation** in the left column. Then click **Databases**.

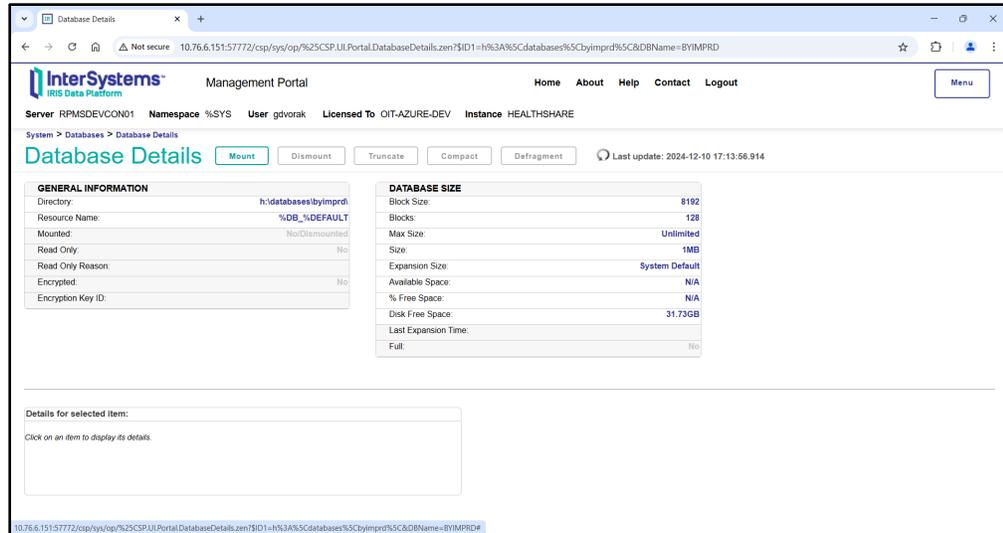


Figure 5-8: Database Details screen

5. On the **Mount Databases** dialog, verify that the **Read Only** check box is cleared, then click **OK**.

5.2.2 Turn off Journaling in the BYIM Database

The newly created BYIM database will have journaling turned on by default. To reduce the volume of journaling activity, it is recommended that journaling be turned off in the BYIM database.

To turn off journaling for the BYIM database, follow these instructions:

1. Access IRIS’s Management Portal and sign on as an administrator.
2. Select **System Administration** at the bottom of the left column, then select **Configuration > | System Configuration > | Local Databases**.

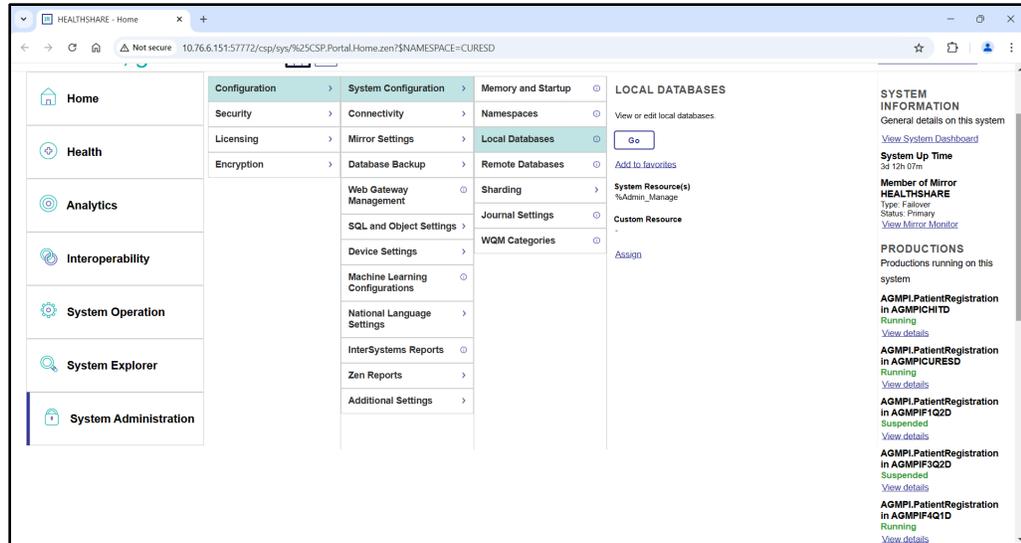


Figure 5-9: IRIS's Management Portal, Local Databases option

- When the **Local Databases** page displays, find the row with the name of the newly created BYIM database. The name of the database will consist of BYIM concatenated with the name of the RPMS database. For example, if the RPMS database is called PRD, then the associated BYIM database will be called BYIMPRD.

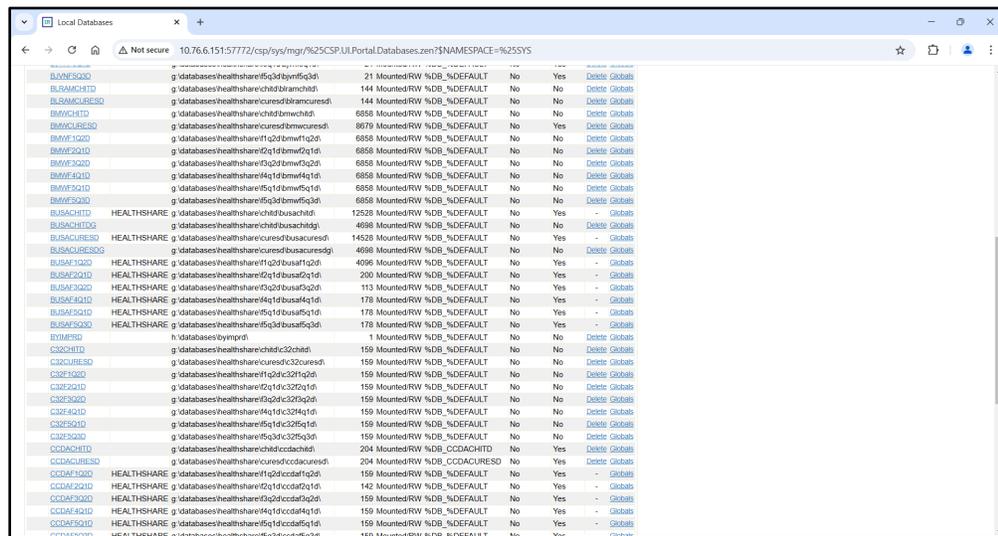


Figure 5-10: Local Databases screen

- Click **Edit** in the identified row to open the **Database Properties** page.

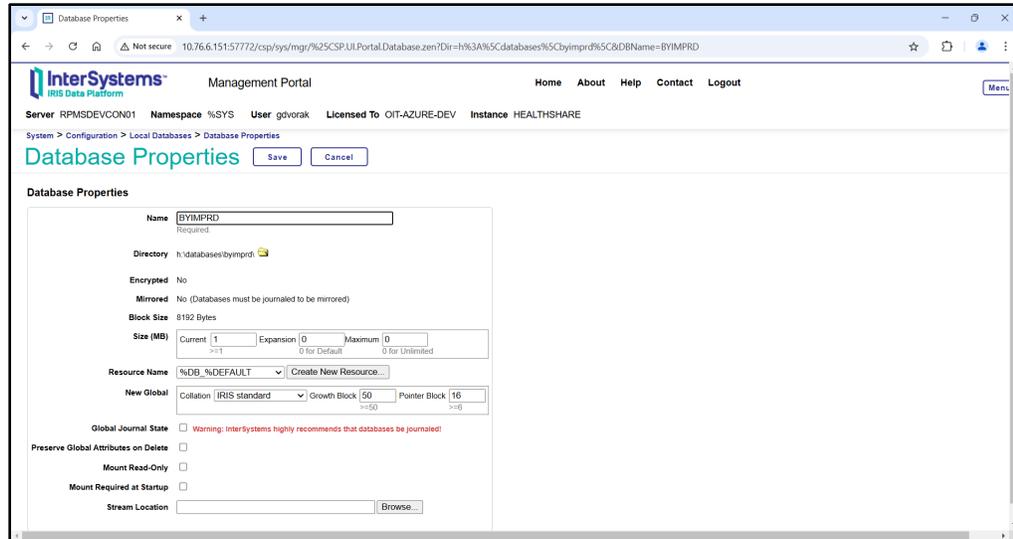


Figure 5-11: Database Properties screen

5. Find the line which says **Global Journal State** and remove the checkmark. Ignore the warning that displays on the page.
6. After making the change, click **Save** at the top of the screen.

5.2.3 Configure the Database Resource

1. If necessary, navigate to the **Local Databases** screen following steps 1-2 in Section 5.2.2.
2. On the **Local Databases** page, locate the production RPMS database in the list and make a note of the resource associated with the database, which is given in the **Resource** column.

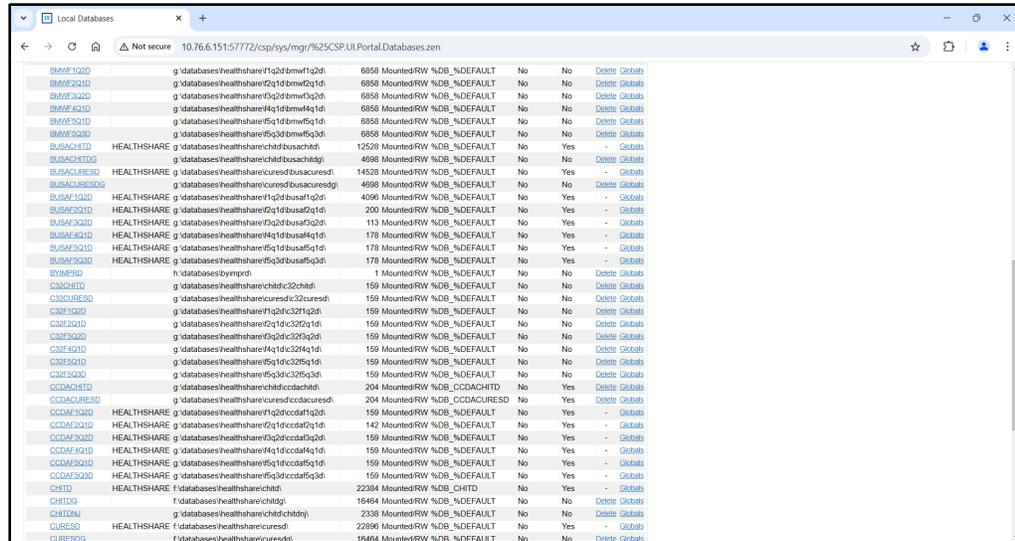


Figure 5-12: Local Databases screen

3. Locate the BYIM database in the list and click the database name to open the **Database Properties** page.
4. On the **Database Properties** page, select the resource name that was assigned to the production RPMS database from the **Resource Name** list.

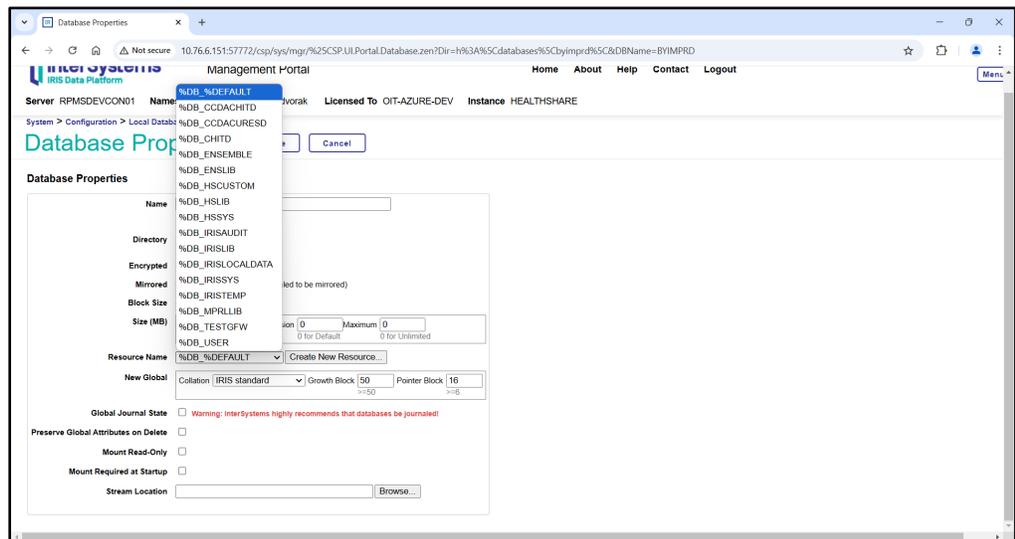


Figure 5-13: Database Properties screen, Resource Name setting

5. Click the **Save** button.
6. Click **Home** to return to the main **Management Portal** page or **Logout** to end the IRIS session.

5.2.4 Configure Email Notifications

Configuring email notifications allows the IRIS production to automatically send email notifications about new errors to select users. Each notification is limited to one per day to prevent flooding the recipients' inboxes with an excessive number of notifications. This functionality is only available on systems that have an email server configured. This step is optional and may be skipped to not be notified about BYIM issues by email.

5.2.4.1 Enter Credentials

If the email server requires signing on, complete the instructions in this section. Otherwise, skip to Section 5.2.4.2.

1. Sign on to IRIS's Management Portal as an administrator.
2. Switch to the BYIM namespace.
 - a. Click the **Switch** link near the top center of the Management Portal page.
 - b. In the **Namespace Chooser** box, select the BYIM namespace. The namespace will consist of "BYIM" concatenated with the name of the RPMS namespace.
 - c. Click **OK** to switch to the BYIM namespace. The namespace displayed in the Management Portal will be updated to reflect the selection.
3. Click **Interoperability | Configure >> | Credentials**. The **Credentials Viewer** screen will display.

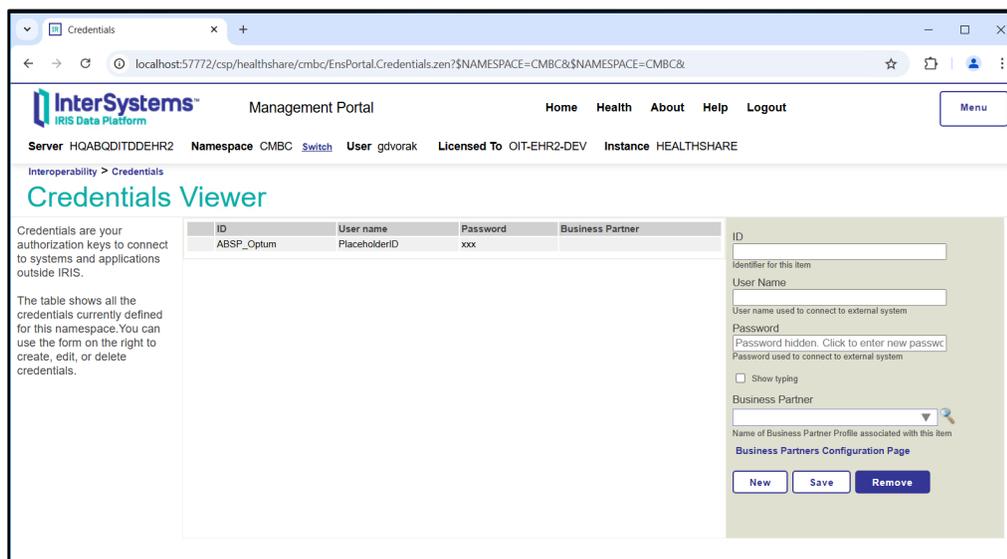


Figure 5-14: Credentials Viewer screen

4. In the **ID** field, enter an arbitrary ID that will identify the email server, e.g., **MailServer**. This ID will be entered later in the IRIS production.

5. In the **Username** field, enter a valid username for the email server that can be used to sign on to the server and send emails.
6. In the **Password** field, enter the password for the username that was entered in the previous step.
7. Leave the **Business Partner** field blank.
8. Click the **Save** button. The newly entered credential will be displayed in the list of the center of the screen.
9. Click **Home** to return to the main **Management Portal** page.

5.2.4.2 Configure the IRIS Production

1. If the instructions for entering credentials were skipped, sign on to IRIS's Management Portal as an administrator, then switch to the BYIM namespace.
 - a. Click the **Switch** link near the top center of the Management Portal page.
 - b. In the **Namespace Chooser** box, select the BYIM namespace. The namespace will consist of "BYIM" concatenated with the name of the RPMS namespace.
 - c. Click **OK** to switch to the BYIM namespace. The namespace displayed in the Management Portal will be updated to reflect the selection.
2. Click **Interoperability | Configure >> | Production**. The **Production Configuration** screen will display.

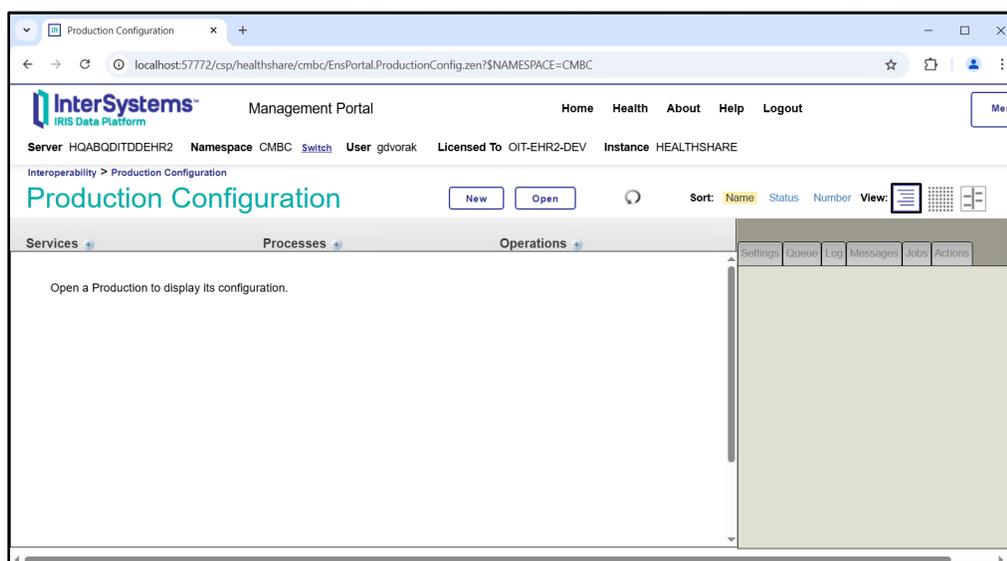


Figure 5-15: Production Configuration screen

3. Click the **Open** button.

- In the Finder dialog, click **BYIM >> | Productions >> | Local** to select the BYIM production. Click the **OK** button. The **Production Configuration** screen will update to display the BYIM production.

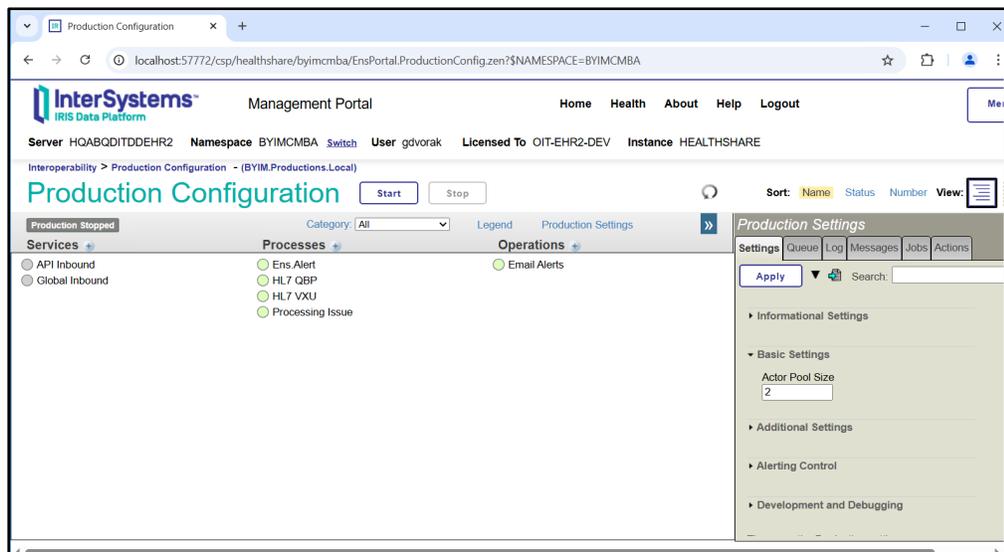


Figure 5-16: Production Configuration screen displaying the BYIM.Productions.Local production

- Click on the **Email Alerts** business operation in the **Operations** column. Settings for this business host will be displayed in the **Email Alerts** box on the right side of the screen.
- In the **Email Alerts** box, ensure the **Basic Settings** and **Additional Settings** sections are expanded. Enter values for the settings in Table 5-1.

Table 5-1: Email Alerts settings

Setting Name	Value
SMTP Server	IP address or name of the email server
SMTP Port	Port number used by the server. The default is 25
Credentials	If credentials are required by the email server, enter the credentials ID created in Section 5.2.4.1
Recipient	Comma-delimited list of email addresses that the production will send notifications to, e.g., john.doe@ihs.gov,jane.doe@ihs.gov
From	Email address that the alerts will appear to be coming from, e.g., BYIM@sitename.ihs.gov

- Once the required settings have been entered, click **Apply** at the top of the **Email Alerts** box.

5.2.5 Enter Destination Information

Enter the username, password, facility ID that were gathered in Section 3.3.1 into the Edit Destinations Zen page.

1. Open IRIS's Management Portal.
2. Look at the page's URL in the browser. Note the server and port information, which is located after the initial "http://" and before the next slash. For example, if the URL is <http://localhost:57772/csp/sys/UtilHome.csp>, then the server and port would be localhost:57772.
3. Open the Edit Destinations Zen page by entering the following URL into a web browser: **http://<server&port>/csp/byim<site>/BYIM.ZEN.editDestination.cls**

Where <server&port> is the server/port pair identified in step 1 and <site> is the RPMS namespace. If accessing the URL from a server other than the RPMS server, then replace **localhost** with the IP address of the RPMS server. The Edit Destinations page is shown.



Figure 5-17: Edit Destinations page

4. Select the destination from the **Select Destination** list box. If the destination isn't shown, click the **New** button.

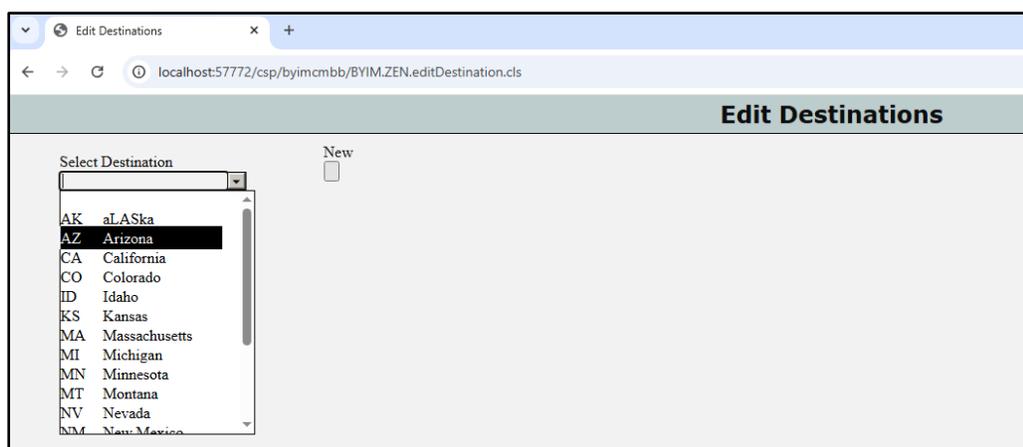


Figure 5-18: Edit Destinations page, Select Destination list box

Information about the selected destination displays.

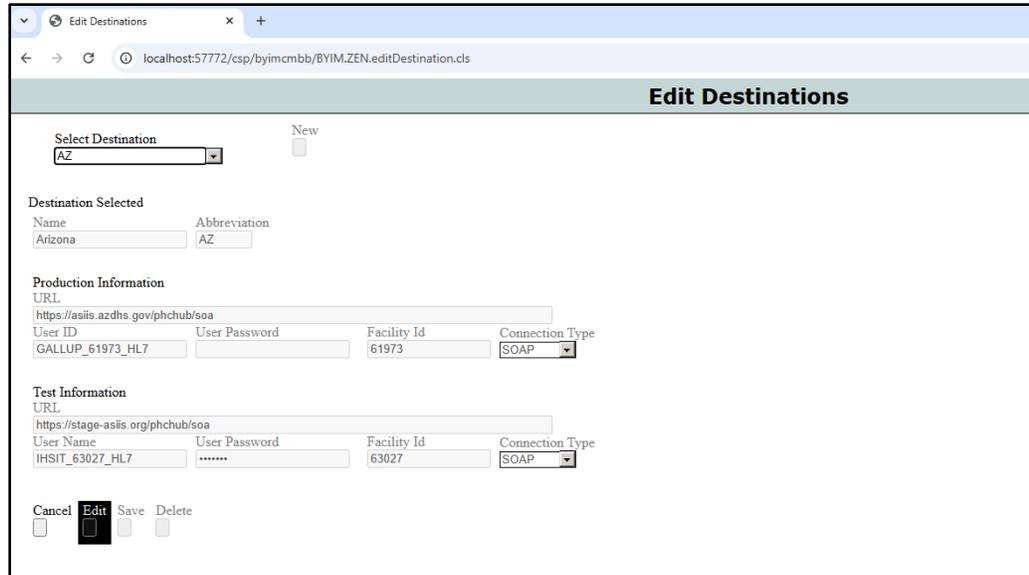


Figure 5-19: Edit Destinations page when a destination has been selected

5. Click the **Edit** button at the bottom of the page.
6. Enter the information gathered in Section 3.3.1 into the URL, User ID, User Password, and Facility Id fields. There are sections for production and test connections. Be sure to enter the values in the correct section. Connection Type is prepopulated based on the selected destination and should not need to be modified. The URL may be prepopulated.

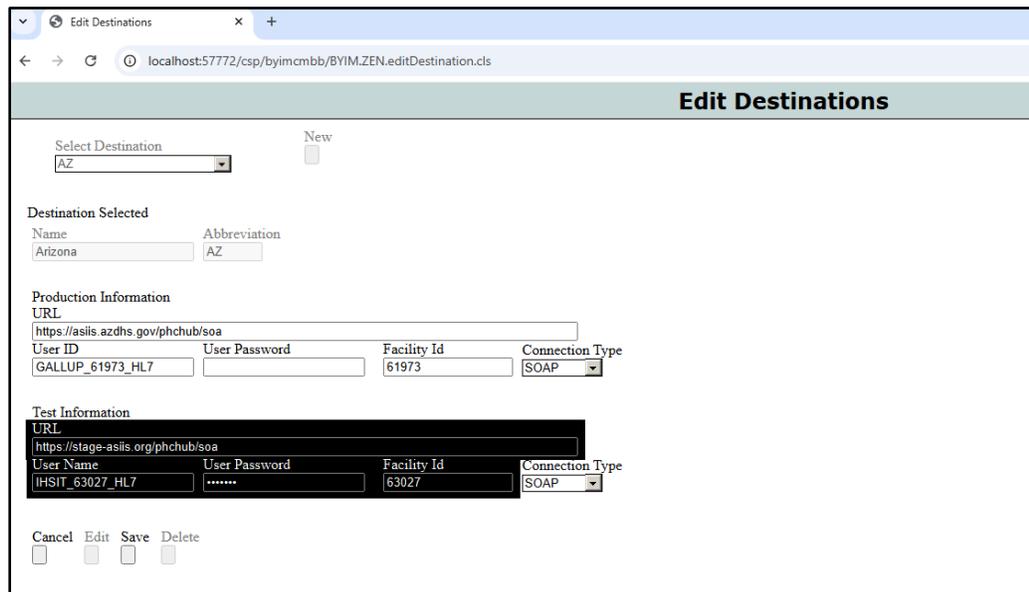


Figure 5-20: Edit Destinations page highlighting test values to be entered

7. After making the needed changes for the destination, click the **Save** button. The **Edit Destinations** page will update with no destination selected.



Figure 5-21: Edit Destinations after saving changes

To view the changes that were entered for a destination, select the destination from the **Select Destination** list box.

Note: When editing a destination, the Delete button is available only for destinations entered by the site. Destinations provided by the BYIM application may not be deleted.

5.2.6 Configure Purge Task

1. Sign on to IRIS’s Management Portal as an administrator.
2. Click System Operation | Task Manager > | New Task. The Task Scheduler Wizard screen will display.

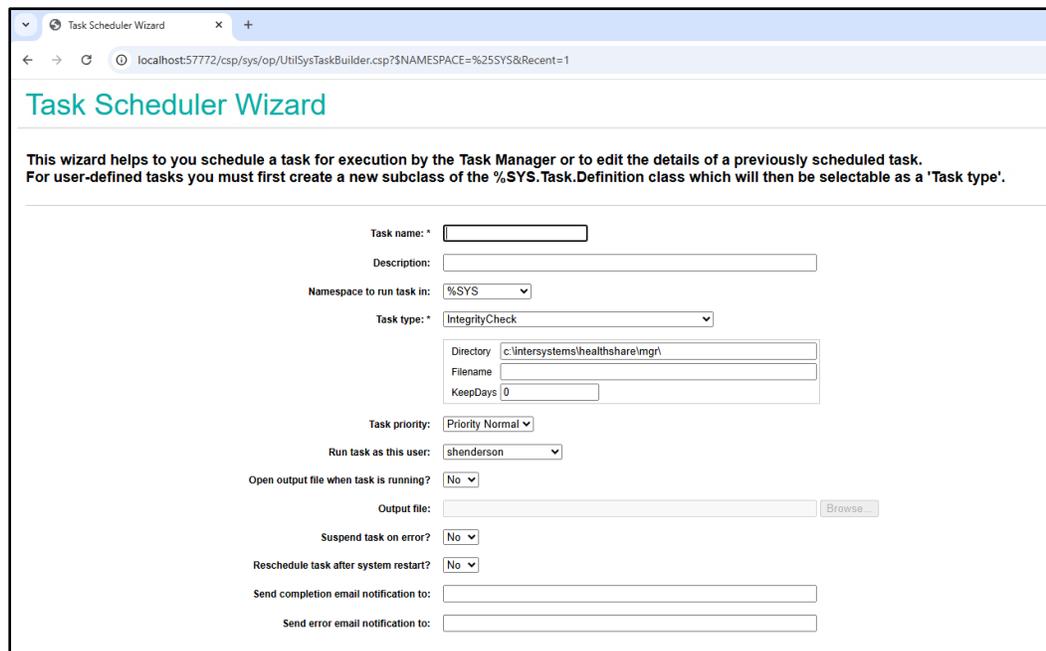


Figure 5-22: Task Scheduler, page one

3. Enter the following information into the associated fields.

Table 5-2: Task settings

Setting Name	Value
Task name	Purge BYIM Messages
Description	Purge BYIM Messages older than 90 days
Namespace to run task in	This is the name of the production that was created, which will be 'BYIM' concatenated with the name of the RPMS database (e.g., (BYIMRDL')
Task type	Ens.Util.Tasks.Purge
Bodies Too	Place check mark
KeepIntegrity	Place check mark
NumberOfDaysToKeep	90
TypesToPurge	All Types
Run task as this user	_SYSTEM

4. Click **Next**, the **Task Scheduler Wizard** page two will display.

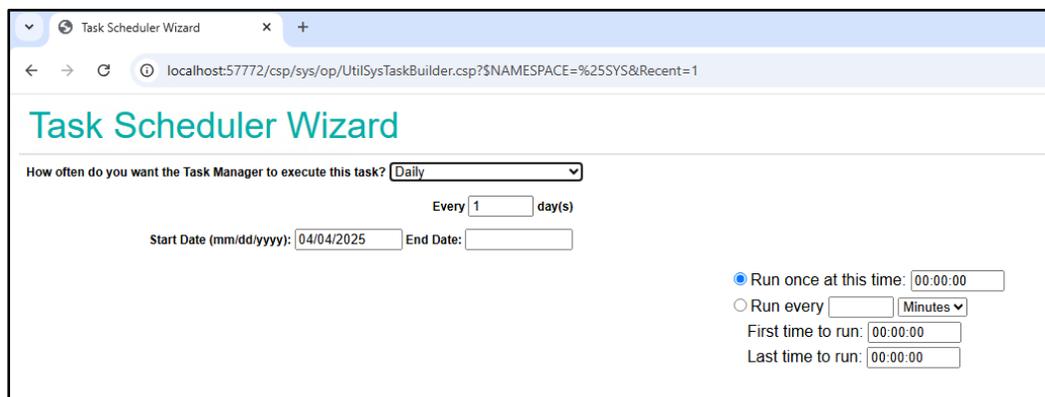


Figure 5-23: Task Scheduler, page two

5. Enter the following information into the associated fields.

Table 5-3: Task settings

Setting Name	Value
How often do you want the Task Manager to execute this task?	Weekly
Monday	Remove check mark
Sunday	Place check mark
Run once at this time	Select a time value when the BYIM application will not be used, such as 03:00:00

6. Enter the following information into the associated fields. Select **Finish**, the task will appear in the **Task Schedule** page.

5.2.7 Enable Auto-Start for the Production

1. Ensure you are in the BYIM<RPMS> Namespace in the Management Portal home page.
2. Select Interoperability->Manage->Auto-Start Production.

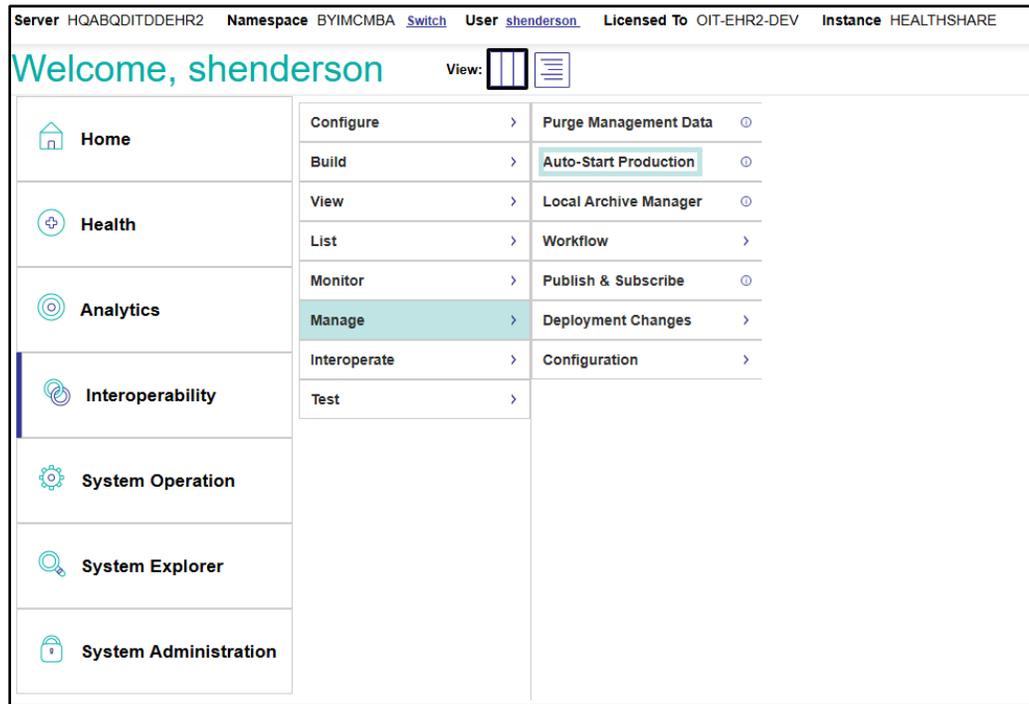


Figure 5-24: Auto-Start Production location

3. From the drop-down list select BYIM.Productions.Local and then select the Apply button.

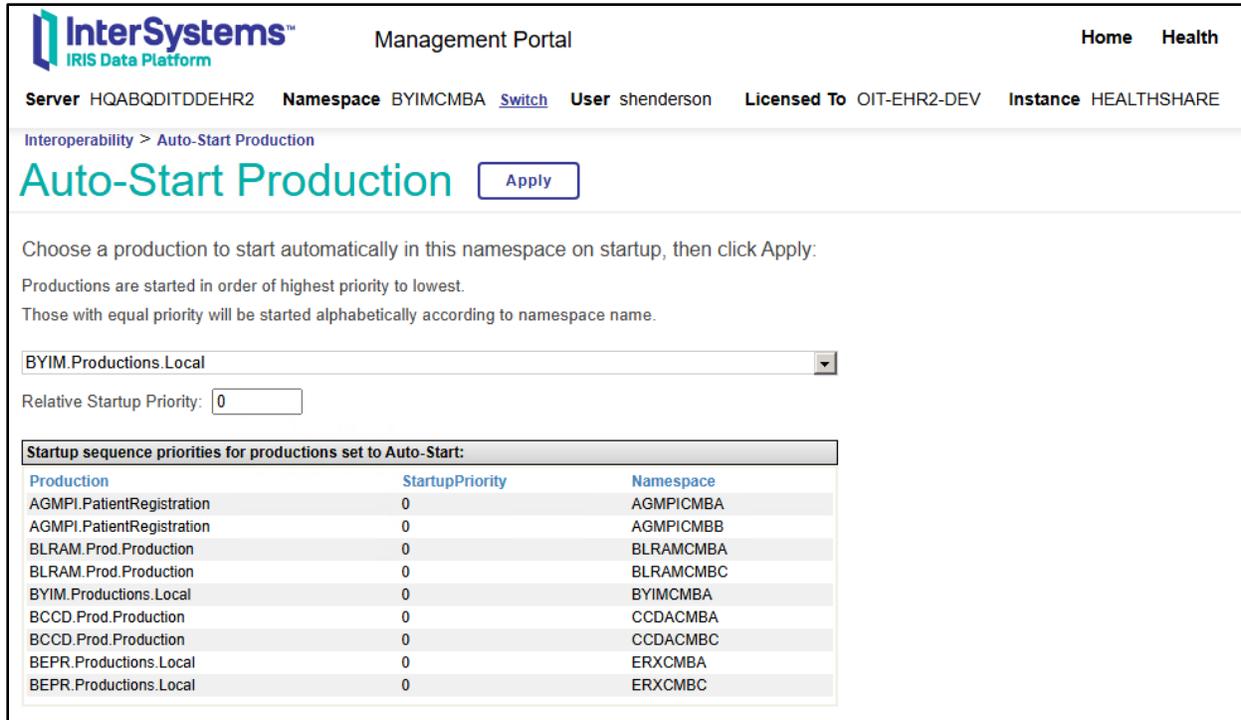


Figure 5-25: Setting up Auto-Start

5.2.8 Start the BYIM Local Production

1. From the IRIS Management Portal, ensure the Namespace is the newly created BYIM namespace ('BYIM' concatenated with the RPMS Namespace name). Click Interoperability | Configure >> | Production.

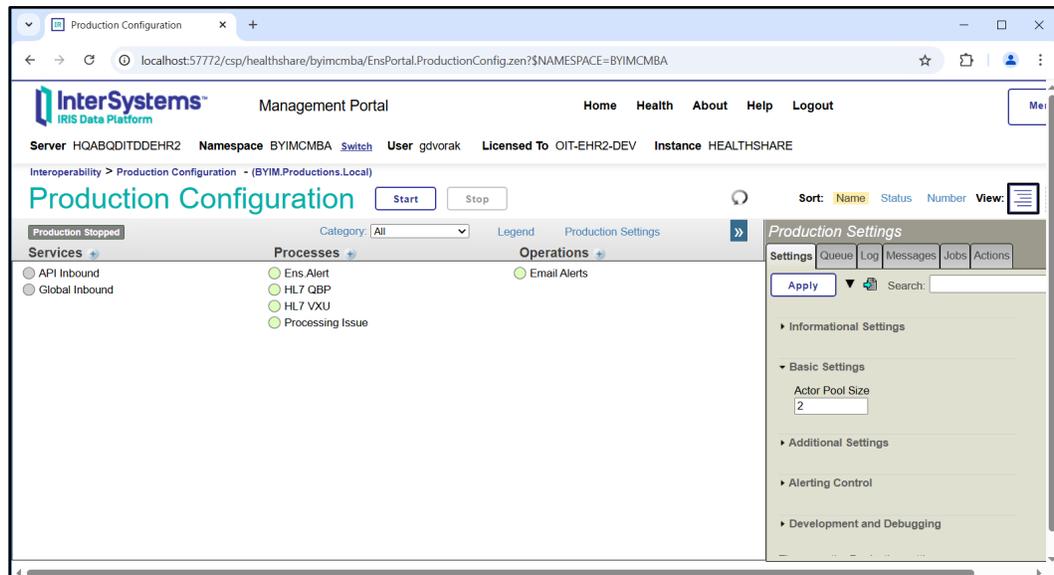


Figure 5-26: Production configuration page prior to being started for the first time.

2. Select the Start button. The production will be updated with the Business Operations for the State destinations you added within the setup of BYIM in RPMS and updated the destination within the Edit Destinations Zen page.

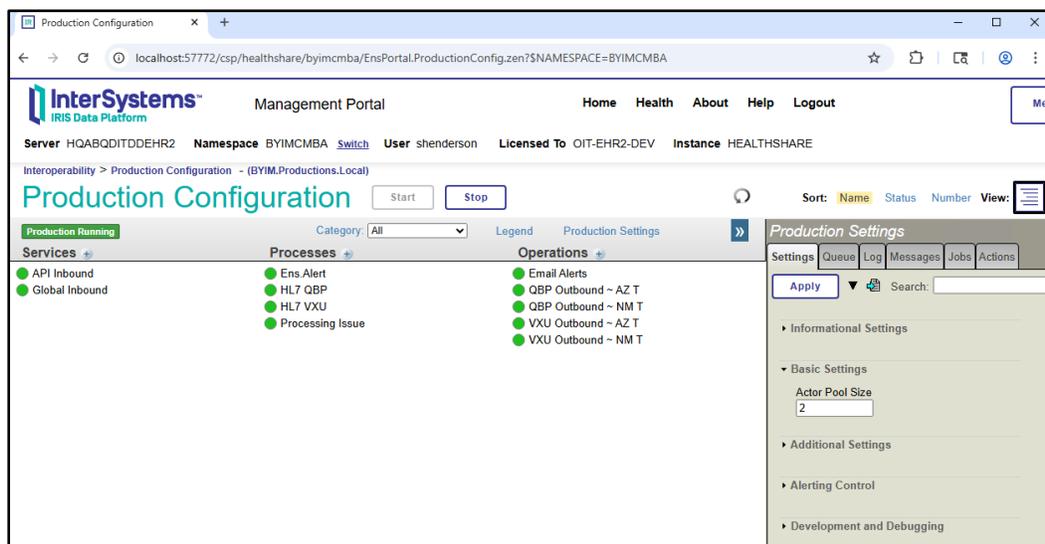


Figure 5-27: Production configuration page after the production starts

In this test environment shown above, there were two State destinations defined within RPMS and the Destination class, NM and AZ. The T at the end of the BO name indicates this is a test environment, production environments will not have a trailing T in the name.

5.2.9 Restart BYIM Background Jobs

BYIM v3.0 p8 should have rescheduled BYIM background jobs to run on the day after the installation. However, if all the above steps have been completed successfully, you may log into Taskman and reschedule the BYIM background jobs to run on the current day.

5.2.10 Assign new security key

The installation created a new security key called BYIM IZ SYS STATUS, which allows users to run the new System Status [IZST] (BYIM IZ SYS STATUS) option that is on the SETUP Options menu. This option provides a health summary of the BYIM application. The key should be assigned to IT administrators and/or CACs that need to run this option.

5.2.11 Mappings on a Mirror Server

Global/Routine/Package mappings for the BYIM production will need to be added to the other members of your mirrored environment as these are not replicated between the servers.

5.2.11.1 BYIM<RPMS> namespace mappings

- From the IRIS Management Portal, ensure the Namespace is the newly created BYIM namespace ('BYIM' concatenated with the RPMS Namespace name). Click **System Administration | Configuration > | System Configuration > | Namespaces**.

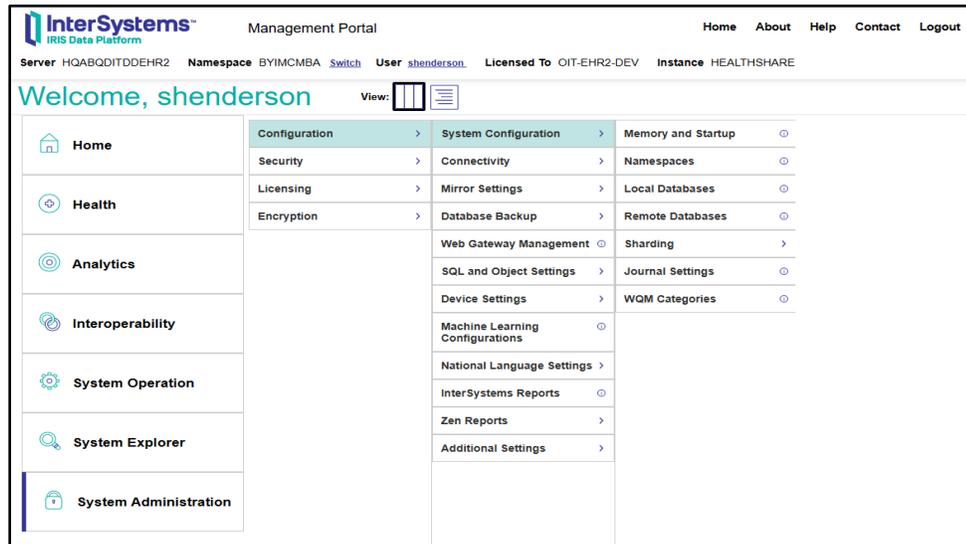


Figure 5-28: Edit namespaces

- Select Global Mappings from the BYIM<RPMS> namespace

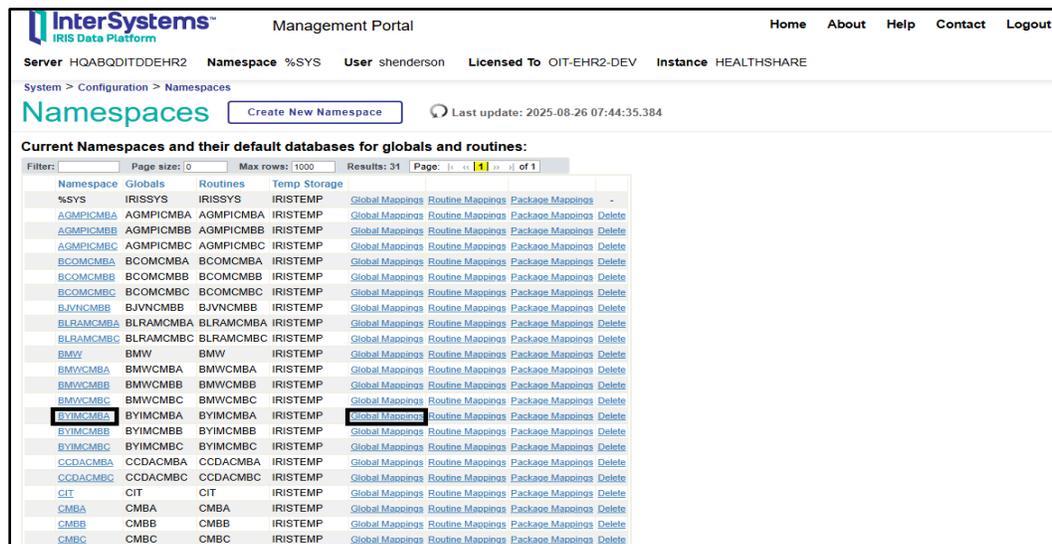


Figure 5-29: Select Global Mappings for the BYIM<RPMS> namespace

- Select the New button.

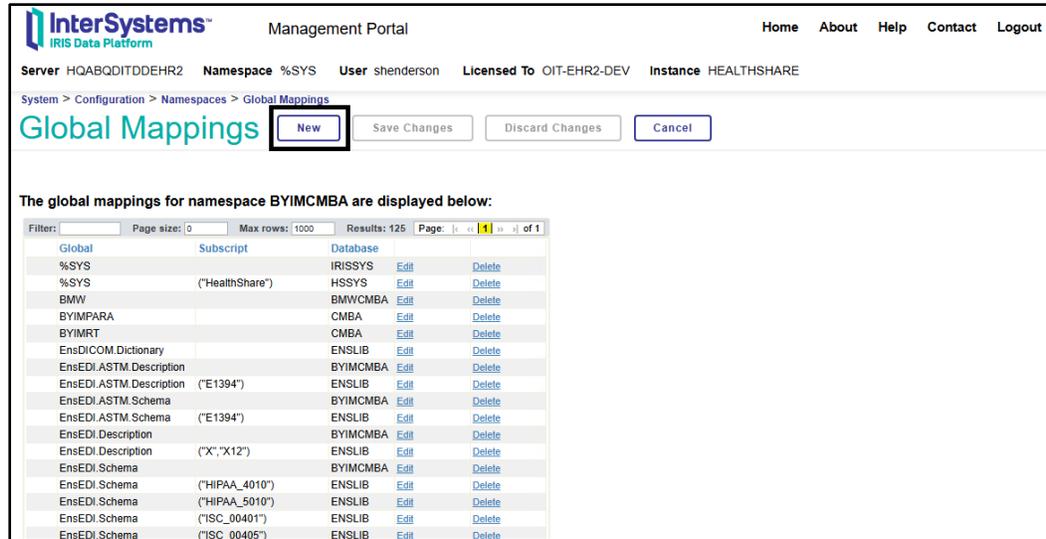


Figure 5-30: Select the New button to add a new global mapping

4. Set the Global Database location to your <RPMS> namespace and the global name to BYIMRT. Then the Apply button.

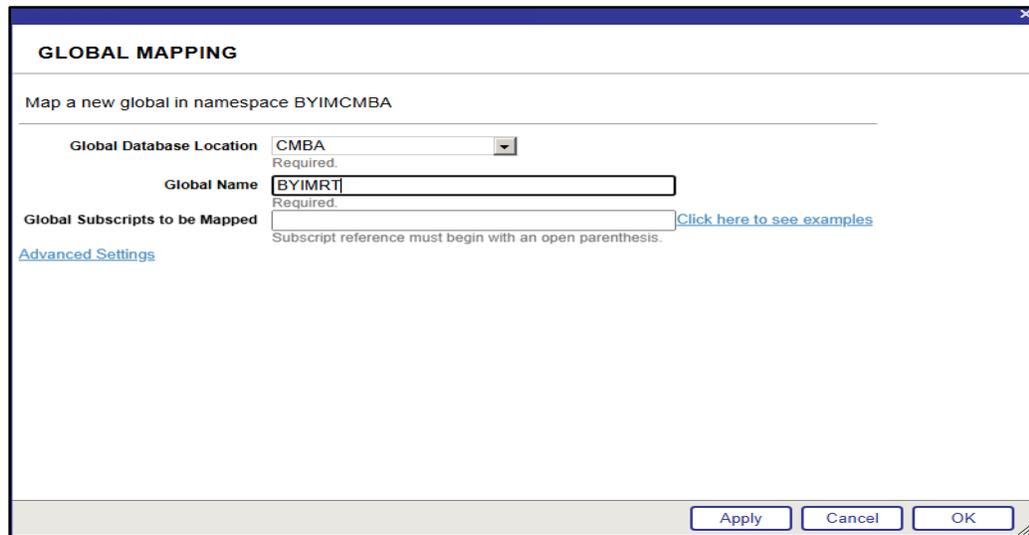


Figure 5-31: Add the appropriate information and click apply

5. Set the global name to BYIMPARA and then OK button.

Figure 5-32: Add the appropriate information and click OK

6. Select the Save Changes button.

Global	Subscript	Database	Edit	Delete
%SYS		IRISSYS	Edit	Delete
%SYS	("HealthShare")	HSSYS	Edit	Delete
BMW		BMWCMBA	Edit	Delete
BYIMPARA		CMBA	Edit	Delete
BYIMRT		CMBA	Edit	Delete
EnsDICOM Dictionary		ENSLIB	Edit	Delete
EnsEDI.ASTM Description		BYIMCMBA	Edit	Delete
EnsEDI.ASTM Description	("E1394")	ENSLIB	Edit	Delete
EnsEDI.ASTM.Schema		BYIMCMBA	Edit	Delete
EnsEDI.ASTM.Schema	("E1394")	ENSLIB	Edit	Delete
EnsEDI Description		BYIMCMBA	Edit	Delete
EnsEDI Description	("X":X12)	ENSLIB	Edit	Delete
EnsEDI.Schema		BYIMCMBA	Edit	Delete
EnsEDI.Schema	("HIPAA_4010")	ENSLIB	Edit	Delete
EnsEDI.Schema	("HIPAA_5010")	ENSLIB	Edit	Delete
EnsEDI.Schema	("ISC_00401")	ENSLIB	Edit	Delete

Figure 5-33: Save the additions

7. Select Routine Mappings from the BYIM<RPMS> namespace

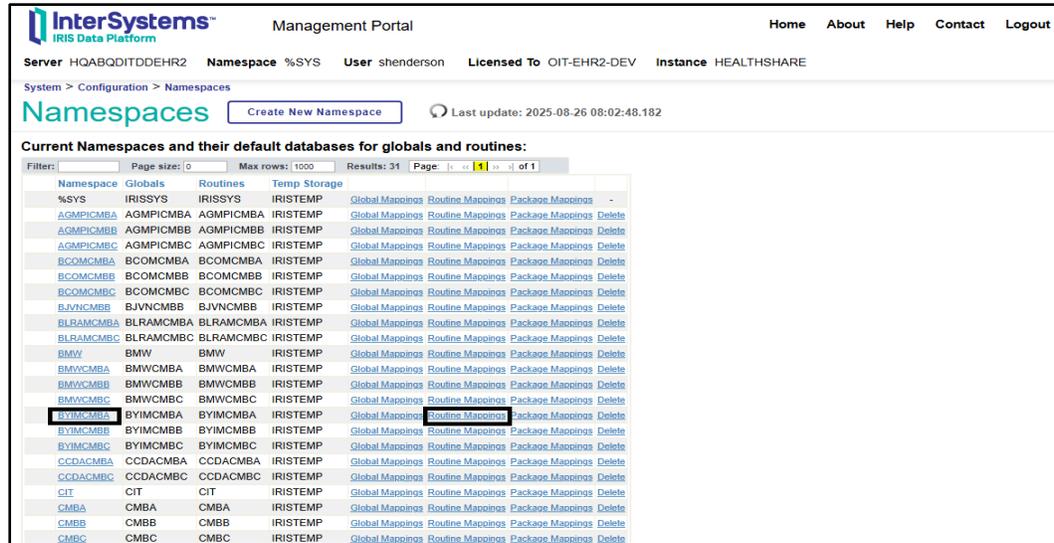


Figure 5-34: Select Routine Mappings for the BYIM<RPMS> namespace

8. Select the New button

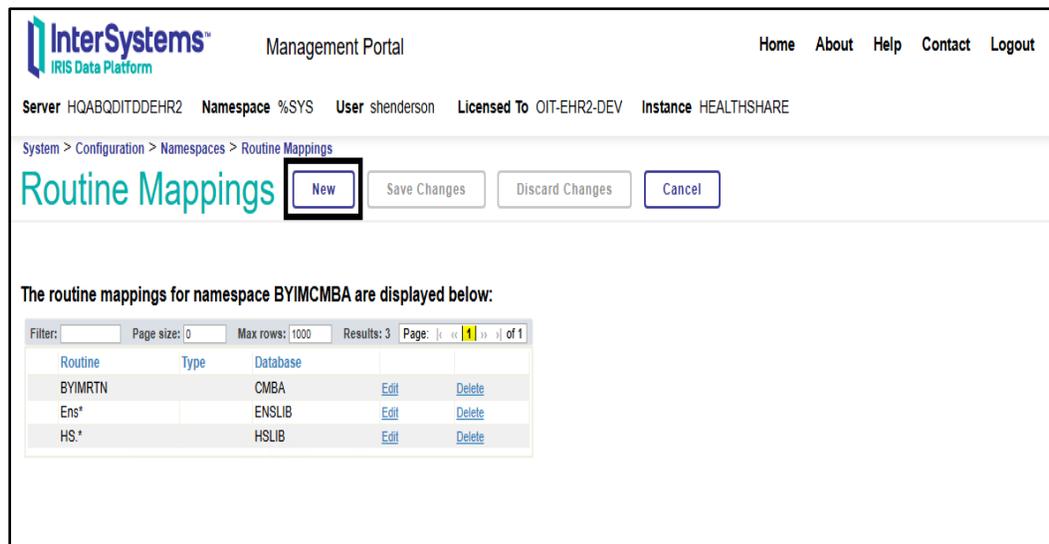


Figure 5-35: Select the New button to add a new routine mapping

9. Set the Routine Database location to your <RPMS> namespace and the routine name to BYIMRTN. Then the OK button.

Figure 5-36: Add the appropriate information and click OK

10. Select the Save Changes button.

Routine	Type	Database		
BYIMRTN		CMBA	Edit	Delete
Ens*		ENSLIB	Edit	Delete
HS.*		HSLIB	Edit	Delete

Figure 5-37: Save the addition

5.2.11.2 <RPMS> namespace mappings

1. Select Package Mappings from the <RPMS> namespace.

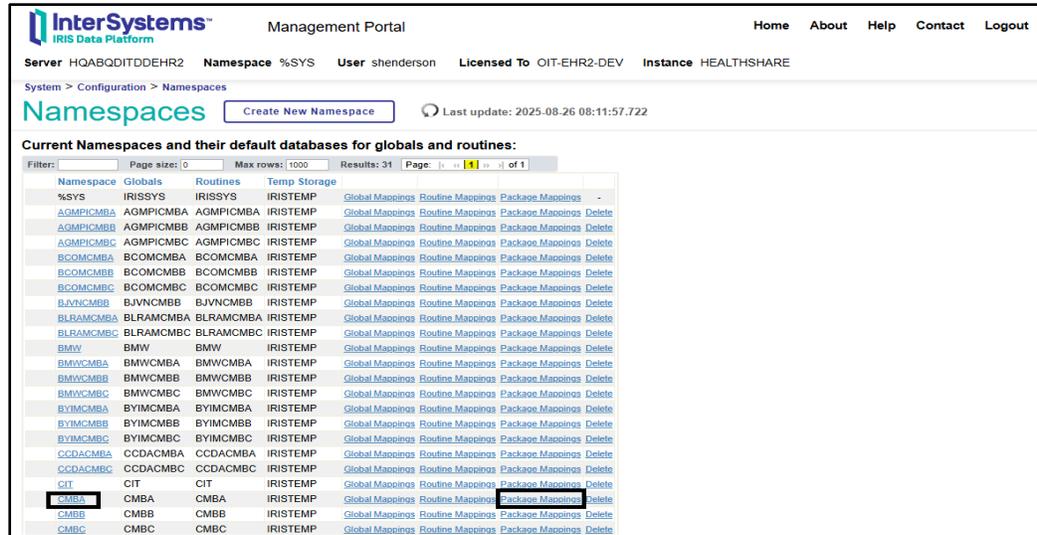


Figure 5-38 : Select Package Mappings for the <RPMS> namespace

2. Select the New button.

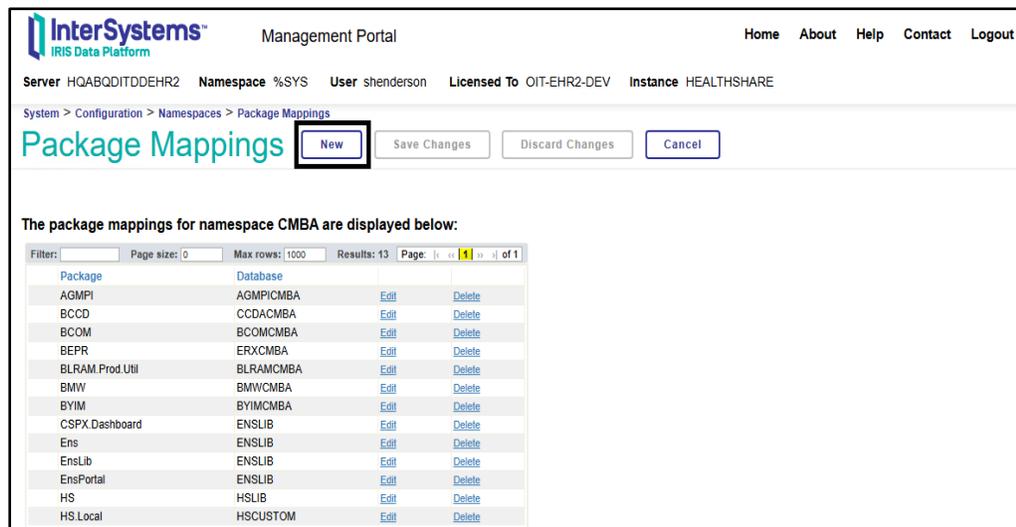


Figure 5-39: Select the New button to add a new package mapping

3. Set the Package Database location to your BYIM<RPMS> namespace and the package name to BYIM. Then the OK button.

Figure 5-40: Add the appropriate information and click OK

4. Select the Save Changes button.

Package	Database	Edit	Delete
AGMPI	AGMPICMBA	Edit	Delete
BCCD	CCDACMBA	Edit	Delete
BCOM	BCOMCMBA	Edit	Delete
BEPR	ERXCMBA	Edit	Delete
BLRAM.Prod.Util	BLRAMCMBA	Edit	Delete
BMW	BMWCMBA	Edit	Delete
BYIM	BYIMCMBA	Edit	Delete
CSPX.Dashboard	ENSLIB	Edit	Delete
Ens	ENSLIB	Edit	Delete
EnsLib	ENSLIB	Edit	Delete
EnsPortal	ENSLIB	Edit	Delete
HS	HSLIB	Edit	Delete
HS.Local	HSCUSTOM	Edit	Delete

Figure 5-41: Save the addition

Acronym List

Acronym	Meaning
EHR	Electronic Health Record
HIPAA	Health Insurance Portability and Accountability Act
HHS	Department of Health and Human Services
ID	Identification
IHS	Indian Health Service
IT	Information Technology
OIT	Office of Information Technology
PC	Personal Computer
PHI	Protected Health Information
PHR	Personal Health Record
PII	Personally Identifiable Information
PPN	Patient Preferred Name
ROB	Rules of Behavior
RPMS	Resource and Patient Management System
SAC	Standards and Conventions
SMM	Simple Message Mover
SOP	Standard Operating Procedure
VPN	Virtual Private Network

Contact Information

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