



#### RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **IHS USER SECURITY AUDIT**

(BUSA)

## **Installation Guide and Release Notes**

Version 1.0 Patch 3 September 2020

Office of Information Technology Division of Information Technology

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# **Preface**

The purpose of this manual is to provide the user with the information required to install the IHS USER SECURITY AUDIT (BUSA) application version 1.0 Patch 3.

## 1.0 Release Notes

The BUSA package is a utility which enables user activity to be tracked. As a requirement for Meaningful Use (MU) stage two certification, all activity relating to patient data querying, adding, editing, copying, deleting, and printing must be logged.

BUSA version 1.0 Patch 3 contains new functionality to enable sites to meet the additional requirements for 2015 Certified Health IT (CHIT) certification. This new functionality includes providing the ability to capture before and after changes in value of patient related information.

The Patch 3 release also contains new options to allow audited information stored in BUSA to be safely archived from the system and to allow that information to be reloaded for review.

The Web-enabled reporting interfaces included with Patch 3 also have been updated to provide additional filtering capabilities, additional report displays, and the ability to review archived information that has been reloaded for review.

### 2.0 Installation Notes

Prefix: BUSA Current Version: 1.0

#### 2.1 Contents of Distribution

Table 2-1: Distributed BUSA files and descriptions

File	Description
busa0100.03k	KIDS installation file
busa0100.03n	Installation notes
busa0100.03i.pdf	Patch 3 installation manual
busa0100.03u.pdf	Patch 3 user guide
busa0100.03t.pdf	Technical manual

## 2.2 Required Resources

The applications in Table 2-2 must be installed prior to attempting the BUSA v1.0 Patch 3 release installation.

Table 2-2: Required modules and minimum versions

Module	Minimum Version
BMW	V2020.3
BUSA	v1.0 Patch 2
Health Share	v2017.2.2
VA FileMan (DI)	v22.0 Patch 1020
IHS Kernel Toolkit (XT)	v7.3 through Patch 1019
VA Kernel (XU)	v8.0 Patch 1020

## 2.3 Before You Begin: Installation Issues

**Important:** Read the following section thoroughly before attempting to install the Patch 3 release. Failure to account for the situations presented could cause major issues, both in the patch installation and in system performance.

#### 2.3.1 BMW v2020.3 Installation Verification

As noted in Section 2.2, to install the new BUSA application, the BMW v2020.3 or later release must be installed. As part of the BMW installation process, the BMW global must be properly mapped in the RPMS environment or the installation of the BUSA application will not be permitted to continue.

This mapping must have already been completed with the installation of the MU suite of applications. If this mapping has not been completed, please consult the *BMW CACHE.DAT Installation guide (version v2020.3)* for directions on how to map the BMW global.

#### 2.3.2 BUSA Package – Disk Usage

Since the BUSA application logs user patient related activity, it is a very large consumer of disk space. With the release of Patch 3, functionality (BUSA FileMan Auditing) has been included that allows all changes to FileMan patient-related files and fields to be audited in FileMan auditing and also to be recorded as entries in BUSA.

CHIT requirements stipulate that this auditing feature be delivered to sites turned on. Having this functionality enabled has the capacity to rapidly fill up a site's database storage due to the vast amount of data being saved to the **FileMan AUDIT** (#1.1), **BUSA AUDIT LOG SUMMARY** (#9002319.01) and **BUSA AUDIT LOG DETAIL** (#9002319.02) files.

Each site must assess whether their system can accommodate the extra storage required for BUSA FileMan Auditing and turn off that auditing feature if their system cannot handle the extra storage requirements. Sites that choose to turn off the BUSA FileMan Auditing must make a note to disable the functionality once Patch 3 has been installed. Section 5.0 provides instructions on how to turn off BUSA FileMan Auditing.

Prior to the Patch 3 installation, sites must determine whether their system has the capacity to handle the new storage requirements needed for BUSA FileMan Auditing.

With the BUSA version 1.0, release sites should already have developed a plan to account for the regular storage requirements of BUSA. One recommendation was to map the BUSA storage globals to their own Cache .DAT file(s). With the release of Patch 3, two new BUSA storage globals (^BUSASA and ^BUSADA) will be utilized to hold archived BUSA information that has been restored for further review. Sites should consider mapping these new globals to their own Cache .DAT file(s) as well. This step must be done prior to the installation of Patch 3. See the installation configuration instructions in Section 3.1 for more information on performing this action.

Sites must decide prior to the Patch 3 installation whether they want to map the two new BUSA storage globals to their own Cache .DAT files and perform the global mapping in advance of installation.

#### 2.3.3 BUSA Package – Central Processing Unit (CPU) Capacity

The regular BUSA application programming interface (API) calls should not have a noticeable impact on the central processing unit (CPU) capacity. However, with the release of Patch 3, the BUSA FileMan Auditing functionality has the potential to put a severe strain on the CPU due to the processing requirements of saving so much additional information.

Prior to the installation of Patch 3, sites must determine whether their system can handle these additional processing requirements and decide in advance to turn off the new BUSA FileMan Auditing feature if they feel their system cannot handle the increased processing demands. Section 5.0 provides instructions on how to turn off BUSA FileMan Auditing.

Prior to the Patch 3 installation, sites must determine whether their system can handle the increased processing demands required by the BUSA FileMan Auditing functionality.

#### 2.3.4 BUSA Reporting Tool – Authorized Users

The BUSA version 1.0 installation prompted the installer to enter a list of users who are approved to use the reporting tools included with this package. If it has been determined that since the original version 1.0 release that this list of approved users has changed, a ticket must be submitted for directions on how to add new reporting tool users or to remove existing users.

#### 3.0 Installation Instructions

#### 3.1 Pre-Installation Setup Configuration

As noted in Section 2.3.2, it is recommended that the BUSADA and BUSASA globals be placed in their own CACHE.DAT database file due to storage considerations.

The following instructions show how to create a database and map these globals to that database. The instructions show the process in HealthShare 2017.2. Previous versions use the same procedures, but the screen displays will be different.

**Note:** These instructions should be performed *before* installing BUSA version 1.0 Patch 3. If this was not done, then contact support for instructions on how to copy this data to the new database after it has been setup.

#### 3.1.1 Prerequisites

Before creating the database, locate a directory path on your server where there is sufficient storage available for the new database. Make sure that this directory path is included in your site's backup procedures so that this database is backed up on a regular basis. For the examples below, we will use

G:\Databases\Healthshare\f9q1d\busaaf9q1d as the directory path name.

Also, select a name for the new database, preferably one that includes "BUSA" and the RPMS namespace/database name with which it is associated. Since the data getting stored in this database is reloaded archive audit data, it is recommended that a naming convention derived from the original BUSA database be used.

For the examples below, the original RPMS namespace is **f9q1d** and the original BUSA database created to hold audit data is BUSAF9Q1D. The name of the new database has therefore been set up to be **BUSAAF9Q1D**.

#### 3.1.2 Create a Database

- 1. Navigate to the Management Portal by selecting it from your list of Favorites in Internet Explorer, from a saved desktop icon, or by right-clicking the HealthShare icon in your Windows System Tray.
- 2. Select Management Portal. You are prompted to login to the portal.



Figure 3-1: HealthShare login

3. Enter your **User Name** and **Password** and click **LOGIN**. The main Management Portal page should display.

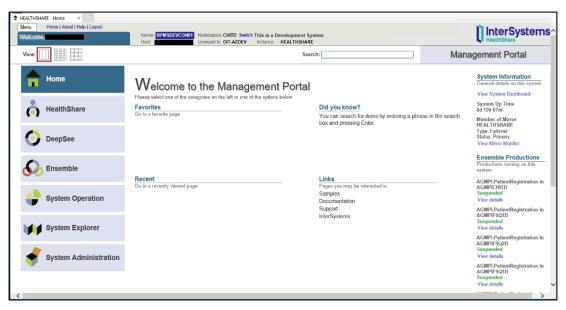


Figure 3-2: Main Management Portal page

- 4. Click the following in order:
  - a. System Administration.
  - b. Configuration.
  - c. **System Configuration**, as shown in Figure 3-3.

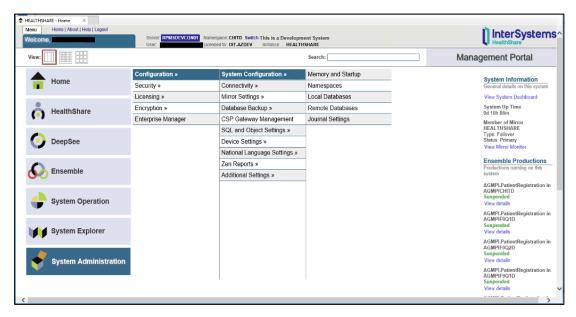


Figure 3-3: Navigate to System Administration, Configuration, and System Configuration

5. Click **Local Databases** (you may also need to click a **GO** button, if prompted). The Local Database Definitions page displays.

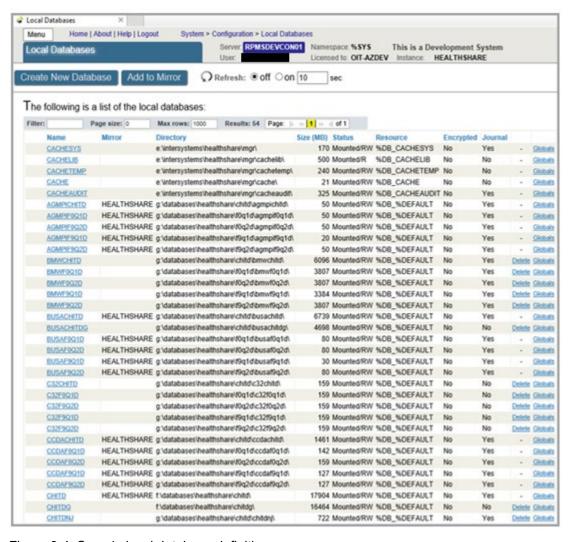


Figure 3-4: Sample local database definitions page

6. Click the Create New Database link to bring up the database creation wizard.

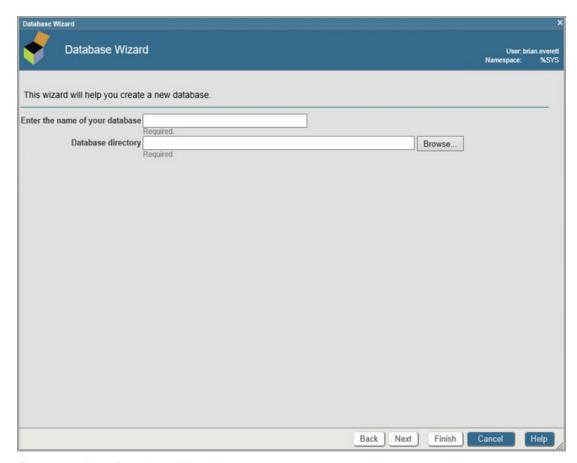


Figure 3-5: New Database Wizard

7. Enter the name of your database and either directly enter or browse for the directory (both items were described in the previous section).

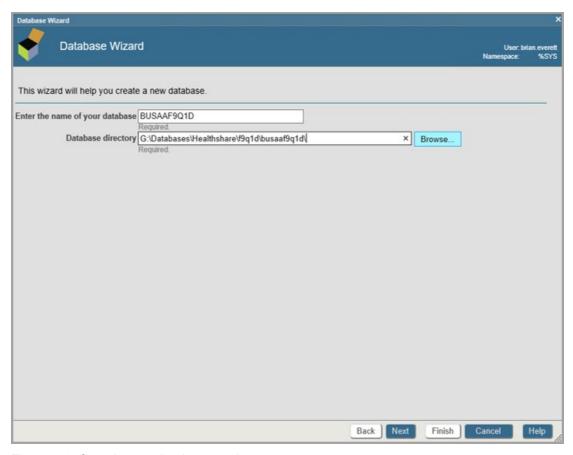


Figure 3-6: Sample new database settings

8. Click **Next** to open additional database detail settings.

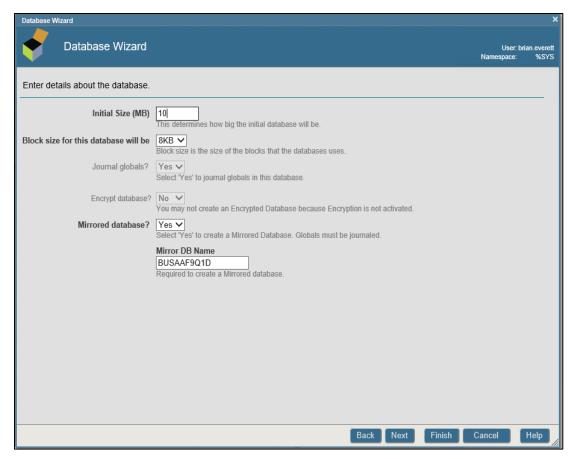


Figure 3-7: Additional Database Settings

- 9. Set the **Initial Size** to at least 10 (as shown). Larger sites with significant numbers of patients and visits may want to start with 100 or more.
- 10. Click Finish. The new database should be visible in the list.

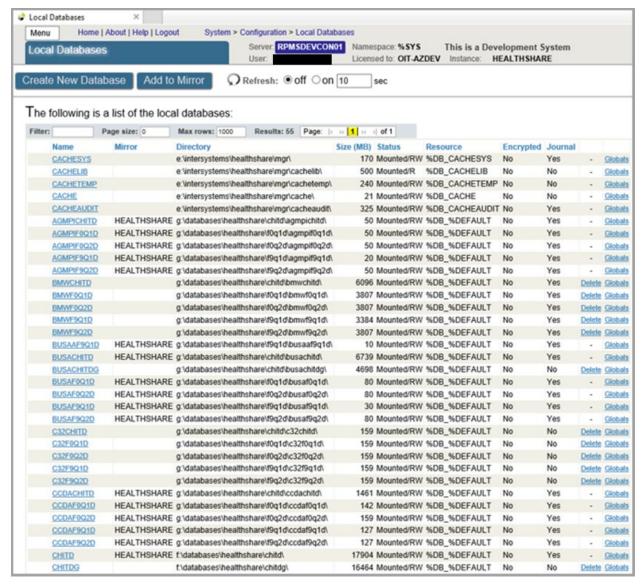


Figure 3-8: Database listing showing the new database

This completes the steps for creating a database.

#### 3.1.3 Map the BUSA Globals to the New Database

1. Continuing from the previous section, click **Home** to return to the home page.

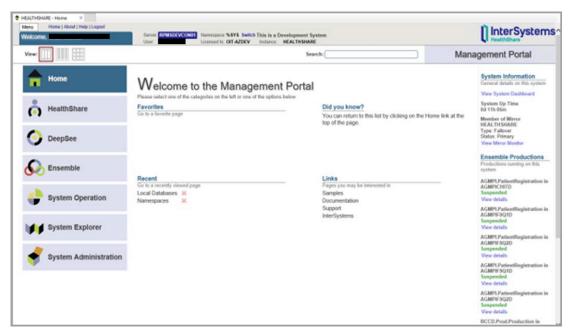


Figure 3-9: View of the Management Portal main page

- 2. Click the following in order:
  - a. System Administration.
  - b. Configuration.
  - c. System Configuration.

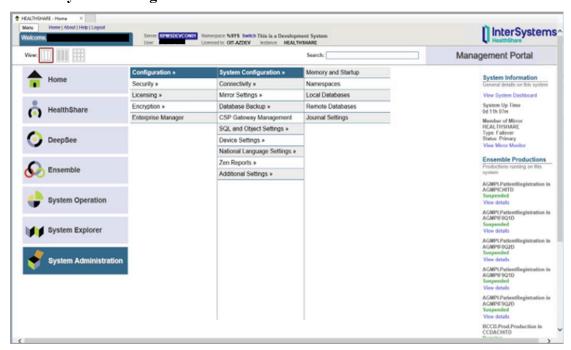


Figure 3-10: Selecting System Administration, Configuration, and System Configuration

3. Click **Namespaces** (you may also need to click a **GO** button, if prompted) to bring up a list of the current namespaces.

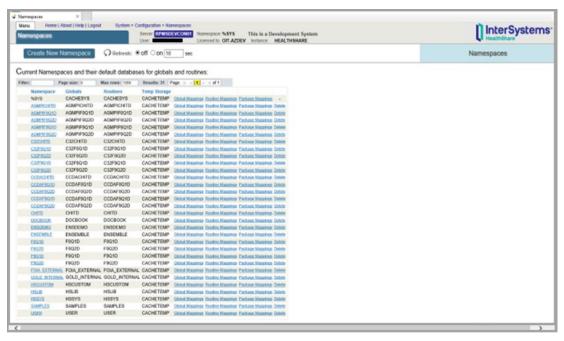


Figure 3-11: Sample Display of Defined Namespaces

4. Locate your main **RPMS namespace** (you may have to click **Next Page** at the bottom to see additional pages of namespaces). When you have located it, click **Global Mappings** on that line to bring up a list of global mappings that are currently defined.

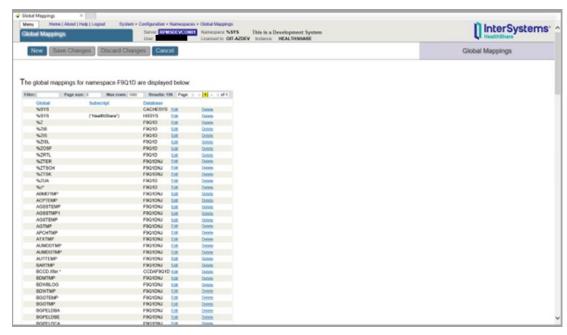


Figure 3-12: Sample Global Mappings page

- 5. Scroll down and confirm there are already mappings in place for the BUSAS and BUSAD globals. If there are no mappings present, check with support before proceeding.
- 6. Click **New Global Mapping** to bring up the global mapping wizard.

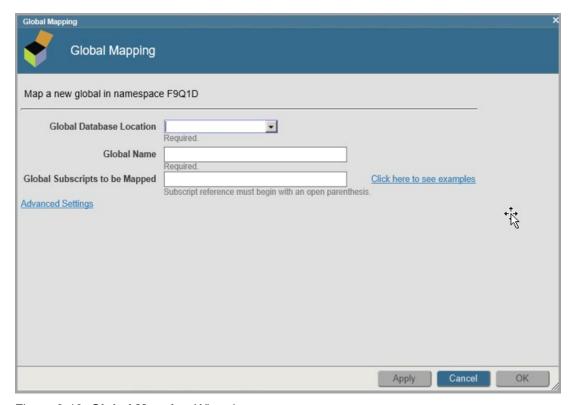


Figure 3-13: Global Mapping Wizard

- 7. In the **Global database location** list, select the database created in the previous section.
- 8. In the **Global name** field, type **BUSADA**.

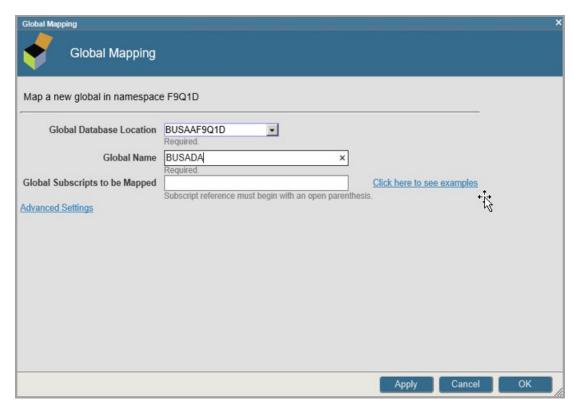


Figure 3-14: Sample Global Mapping settings - map BUSADA

- 9. Click **Apply**. (Note that the changes have not yet been saved.)
- 10. Change the Global name to **BUSASA**.

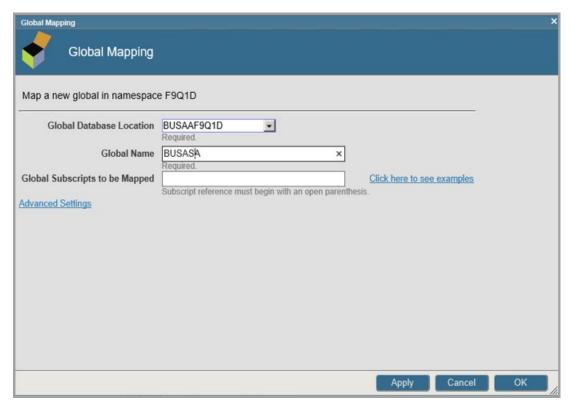


Figure 3-15: Sample Global Mapping settings – map BUSASA

11. Click **OK**. (Note that the changes have not yet been saved.)

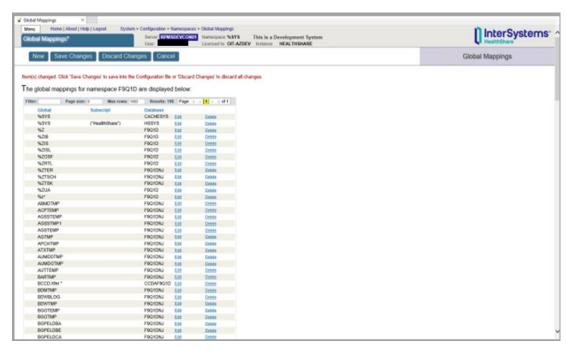


Figure 3-16: Global Mappings display – unsaved changes

12. Click **Save Changes**. The new mappings should be visible in the list. You may need to scroll down to locate them. See Figure 3-17 for display of new mappings.

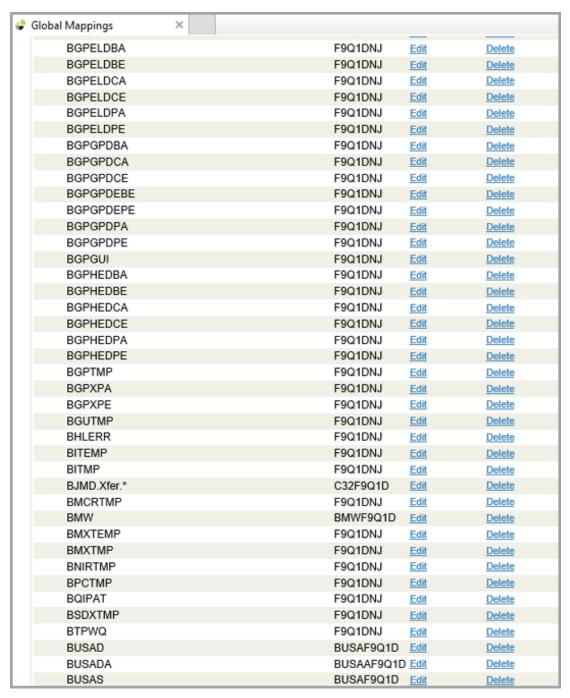


Figure 3-17: Display of new global mappings

13. This completes the steps for mapping the globals.

## 3.2 Confirm Access to the BUSA SECURITY EDIT Option

As part of the Patch 3 installation, the site might choose to turn off the new BUSA FileMan Audit switch. Prior to the installation of the patch, the install user should confirm that they can access the BUSA SECURITY EDIT option in the event they decide to turn off the switch.

If the user cannot access the option, please review the following steps for guidance:

1. Confirm (or assign) the BUSAZMGR security key.

```
Select IHS Kernel <TEST ACCOUNT> Option: ^allocation of security Keys
Allocate key: BUSAZMGR
Another key:
Holder of key: ADAM,ADAM AA 119 SYSTEMS ANALYST
Another holder:
You've selected the following keys:
BUSAZMGR
You've selected the following holders:
ADAM,ADAM
You are allocating keys. Do you wish to proceed? YES//
BUSAZMGR being assigned to:
ADAM,ADAM Person already holds key - no action taken
```

Figure 3-18: Assign/confirm BUSAZMGR security key

- 2. Give the user quick access to the **BUSA SECURITY EDIT** option by adding the option as a secondary menu option in in User Management.
- 3. In the **Edit an Existing User** option, select the user and enter **BUSA SECURITY EDIT** as a new secondary menu option.

```
PRIMARY MENU OPTION: AKMOEVE

Select SECONDARY MENU OPTIONS: BUSA SE

Want to edit ACCESS CODE (Y/N):

Want to edit VERIFY CODE (Y/N):

Select DIVISION:

Select DIVISION:

MEDICINE

CURITY EDIT

Are you adding 'BUSA SECURITY EDIT' as
a new SECONDARY MENU OPTIONS (the 8TH for this NEW PERSON)? No//
```

Figure 3-19: Assign BUSA SECURITY EDIT as a secondary menu option

a. Enter a synonym so the option can be easily selected.

```
SECONDARY MENU OPTIONS
SECONDARY MENU OPTIONS: BUSA SECURITY EDIT
SYNONYM: BSEC
```

Figure 3-20: Enter a synonym for the new secondary menu

- b. Save the changes.
- c. In RPMS verify that the option can be now accessed.

```
Select IHS Kernel <TEST ACCOUNT> Option: 1 Core Applications
           Third Party Billing System ...
   ABM
           ADT Menu ...
Patient registration
   ADT
   AG
           Adverse Reaction Tracking ...
   ALL
           Emergency Room System ...
Behavioral Health Information System ...
   AMER
   AMH
           Nursing Acuity System ...
QAI MANAGEMENT System Menu ...
   AN5
   AOAO
   ATX
           Taxonomy System
   AWAY
           REMOTE LOGIN USER MENU ...
           A/R MASTER MENU ...
CSV UPDATE MAIN MENU ..
   BAR
   BC5V
   BDP
           Designated Specialty Prov Mgt System ...
           Data Warehouse Export Menu ...
   BDW
           IHS Clinical Reporting System (CRS) Main Menu ...
Business Office Master Menu ...
   BGP
   BILL
           IHS Patient Merge ...
           View Patient Record
   BVP
           Women's Health Menu ...
   BYIM
           Immunization Interchange Management Menu ...
   CASE
           Case Management System ..
   CD
           Chemical Dependency Menu ...
                 Press 'RETURN' to continue, 'A' to stop: A
You have PENDING ALERTS
Enter "VA to jump to VIEW ALERTS option
Select Core Applications <TEST ACCOUNT> Option: ^BSEC    Edit Security Audit
Current Security Audit Settings:
     Master
                       Status:
                       Date Logged:
User Logged:
                                         AUG 06, 2020@10:17:58
                                         ADAM, ADAM
     BMXNet
                       Status:
                                         On
                       Date Logged:
                                         AUG 06, 2020@10:18:06
                       User Logged:
                                         ADAM, ADAM
     CIA Broker
                       Status:
                                         on
                                        AUG 06, 2020@10:18:14
ADAM,ADAM
                       Date Logged:
User Logged:
     XWB Broker
                       Status:
                                         on
                       Date Logged:
User Logged:
                                         AUG 06, 2020@10:18:26
                                         ADAM, ADAM
     Select one of the following:
                       Master
           В
                       BMXNet
                       CIA Broker
           C
                       XWB Broker
Select Switch:
```

Figure 3-21 Check for access to BUSA SECURITY EDIT option

## 4.0 Sample Installations

The BUSA version 1.0 Patch 3 release is a standard Kernel Installation and Distribution System (KIDS) build. As part of the installation process a post installation step will run, which will turn on BUSA and FileMan Auditing of all patient related information.

The patch should first be installed in a test account. The sample installation below shows the checksums of the routines included in the build.

Once it is confirmed that the patch installed successfully in the test system, the site can schedule a time to install in their production environment. When installing the build, all users should be off of the system to avoid any interruptions and issues with routines and files in the release being accessed during the installation.

After installation and prior to allowing users back onto the system, if the site has determined that they would like to turn off the BUSA FileMan Auditing, the site should turn off that link. See Section 5.0 for instructions on how to disable this link.

### 4.1 Sample Cache Install

```
INSTALLATION EXAMPLE
1) 1 Load a Distribution
Select OPTION NAME: XPD MAIN Kernel Installation & Distribution System
         Edits and Distribution ...
         Utilities ...
         Installation ...
         Patch Monitor Main Menu ...
You have PENDING ALERTS
        Enter "VA to jump to VIEW ALERTS option
Select Kernel Installation & Distribution System <TEST ACCOUNT> Option:
Installation
     Load a Distribution
  1
       Verify Checksums in Transport Global
       Print Transport Global
       Compare Transport Global to Current System
  5
       Backup a Transport Global
       Install Package(s)
        Restart Install of Package(s)
         Unload a Distribution
You have PENDING ALERTS
```

```
Enter "VA to jump to VIEW ALERTS option
Select Installation <TEST ACCOUNT> Option: 1 Load a Distribution
Enter a Host File: D:\RPMS\busa0100.03k
KIDS Distribution saved on Aug 05, 2020@16:01:15
Comment: BUSA*1.0*3
This Distribution contains Transport Globals for the following Package(s):
  BUSA*1.0*3
Distribution OK!
Want to Continue with Load? YES//
Loading Distribution...
Build BUSA*1.0*3 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES//
  BUSA*1.0*3
Will first run the Environment Check Routine, BUSA1P03
                     BMW version 2.39 installed - *PASS*
        Health Share v2017.2.2 or greater has been installed - *PASS*
                  Patch "XU*8.0*1020" is installed - *PASS*
                   Patch "DI*22.0*1020" is installed - *PASS*
                   Patch "XT*7.3*1019" is installed - *PASS*
                   Patch "BUSA*1.0*2" is installed - *PASS*
Use INSTALL NAME: BUSA*1.0*3 to install this Distribution.
        Load a Distribution
   1
        Verify Checksums in Transport Global
        Print Transport Global
         Compare Transport Global to Current System
        Backup a Transport Global
   5
   6
         Install Package(s)
         Restart Install of Package(s)
          Unload a Distribution
You have PENDING ALERTS
         Enter "VA to jump to VIEW ALERTS option
Select Installation <TEST ACCOUNT> Option: 2 Verify Checksums in Transport Glob
Select INSTALL NAME: BUSA*1.0*3 Loaded from Distribution 8/5/20@16:05:
     => BUSA*1.0*3 ;Created on Aug 05, 2020@16:01:15
This Distribution was loaded on Aug 05, 2020@16:05:40 with header of
   BUSA*1.0*3 ;Created on Aug 05, 2020@16:01:15
   It consisted of the following Install(s):
    BUSA*1.0*3
Want each Routine Listed with Checksums: Yes// YES
```

```
DEVICE: HOME// VIRTUAL
                                                             PAGE 1
PACKAGE: BUSA*1.0*3 Aug 05, 2020 4:05 pm
BUSA1P03 Calculated 12425298
BUSAACVR Calculated 6456609
BUSAAPI Calculated 90733158
BUSAARAI Calculated 93398105
BUSAARLA Calculated 216027410
BUSAARO Calculated 165200692
BUSAARPA Calculated 93327898
BUSAARPU Calculated 98242893
BUSAARRP Calculated 43559456
BUSAARST Calculated 168752080
BUSAARVA Calculated 154961896
BUSAAUT Calculated 20314346
BUSAOPT Calculated 35829369
BUSARPC Calculated 118084548
BUSASWCH Calculated 36170547
BUSAUTL1 Calculated 6564214
PACKAGE: BUSA*1.0*3 Aug 05, 2020 4:05 pm
  16 Routines checked, 0 failed.
  1 Load a Distribution
        Verify Checksums in Transport Global
   3
        Print Transport Global
        Compare Transport Global to Current System
        Backup a Transport Global
        Install Package(s)
        Restart Install of Package(s)
         Unload a Distribution
You have PENDING ALERTS
        Enter "VA to jump to VIEW ALERTS option
Select Installation <TEST ACCOUNT> Option: 6 Install Package(s)
Select INSTALL NAME: BUSA*1.0*3 Loaded from Distribution 8/5/20@16:05:
    => BUSA*1.0*3 ;Created on Aug 05, 2020@16:01:15
This Distribution was loaded on Aug 05, 2020@16:05:40 with header of
 BUSA*1.0*3 ;Created on Aug 05, 2020@16:01:15
   It consisted of the following Install(s):
    BUSA*1.0*3
Checking Install for Package BUSA*1.0*3
Will first run the Environment Check Routine, BUSA1P03
```

```
BMW version 2.39 installed - *PASS*
         Health Share v2017.2.2 or greater has been installed - *PASS*
                   Patch "XU*8.0*1020" is installed - *PASS*
                   Patch "DI*22.0*1020" is installed - *PASS*
                   Patch "XT*7.3*1019" is installed - *PASS*
                    Patch "BUSA*1.0*2" is installed - *PASS*
Install Questions for BUSA*1.0*3
Incoming Files:
  9002319.01BUSA AUDIT LOG SUMMARY
Note: You already have the 'BUSA AUDIT LOG SUMMARY' File.
   9002319.02BUSA AUDIT LOG DETAIL
Note: You already have the 'BUSA AUDIT LOG DETAIL' File.
   9002319.04BUSA SWITCH SETTINGS
Note: You already have the 'BUSA SWITCH SETTINGS' File.
   9002319.05BUSA CACHE CLASS TRANSPORT (including data)
Note: You already have the 'BUSA CACHE CLASS TRANSPORT' File.
I will OVERWRITE your data with mine.
   9002319.08BUSA FILEMAN AUDIT INCLUSIONS FILE (including data)
Note: You already have the 'BUSA FILEMAN AUDIT INCLUSIONS FILE' File.
I will OVERWRITE your data with mine.
   9002319.09BUSA FILEMAN LOCAL AUDIT DEF
Note: You already have the 'BUSA FILEMAN LOCAL AUDIT DEF' File.
  9002319.11BUSA AUDIT LOG SUMMARY ARCHIVE
Note: You already have the 'BUSA AUDIT LOG SUMMARY ARCHIVE' File.
  9002319.12BUSA AUDIT LOG DETAIL ARCHIVE
Note: You already have the 'BUSA AUDIT LOG DETAIL ARCHIVE' File.
  9002319.13BUSA ARCHIVE HISTORY
Note: You already have the 'BUSA ARCHIVE HISTORY' File.
Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//
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
 Install Started for BUSA*1.0*3 :
               Aug 05, 2020@16:05:50
Build Distribution Date: Aug 05, 2020
 Installing Routines:.....
               Aug 05, 2020@16:05:50
 Running Pre-Install Routine: PRE^BUSA1P03.
 Installing Data Dictionaries: .....
              Aug 05, 2020@16:05:50
 Installing Data:
              Aug 05, 2020@16:05:50
 Installing PACKAGE COMPONENTS:
 Installing SECURITY KEY..
 Installing OPTION.....
              Aug 05, 2020@16:05:50
Running Post-Install Routine: POS^BUSA1P03.
List started on 08/05/2020 16:05:51
Listing file E:\InterSystems\HealthShare\mgr\Temp\DsbJ6J9wkK67XQ.xml as xml
List finished successfully.
Load started on 08/05/2020 16:05:51
Loading file E:\InterSystems\HealthShare\mgr\Temp\IDsWlw20krKT1w.xml as xml
Imported class: BUSA.ArchiveReportPage
Imported class: BUSA.ArchiveReportingApp
Imported class: BUSA.EPCSMainReportPage
Imported class: BUSA.EPCSReportingApp
Imported class: BUSA.MainReportPage
Imported class: BUSA.ReportingApp
Imported class: BUSA.Users
Imported class: BUSA. Utilities
Compiling 8 classes, using 8 worker jobs
Compiling class BUSA. ArchiveReportingApp
Compiling class BUSA. EPCSReportingApp
Compiling class BUSA.ReportingApp
Compiling class BUSA. Utilities
Compiling class BUSA. Users
Compiling class BUSA.ArchiveReportPage
Compiling class BUSA. EPCSMainReportPage
Compiling class BUSA.MainReportPage
Compiling table BUSA. Utilities
Compiling table BUSA. Users
Compiling routine BUSA. EPCSReportingApp.1
Compiling routine BUSA.ArchiveReportingApp.1
```

```
Compiling routine BUSA.ReportingApp.1
Compiling routine BUSA.EPCSMainReportPage.1
Compiling routine BUSA.ArchiveReportPage.1
Compiling routine BUSA.MainReportPage.1
Compiling routine BUSA.Utilities.1
Compiling routine BUSA.Users.1
Load finished successfully.
Updating 9002319.05 Record
Turning on local Fileman file/field audit entries
This could take some time to complete
Turning FileMan auditing on for file (or subfile) and field
                                .01
2
                                .02
2
                                .03
2
                                .033
2
                                .05
2
                                .06
2
                                .07
                                .08
2
2
                                .081
2
                                .082
2
                                .083
2
                                .09
2
                                .0901
2
                                .0905
2
                                .0906
2
                                .091
2
                                .092
                                .093
2
2
                                .096
2
                                .097
2
                                .098
2
                                .1
... Additional list of audited files/fields here
9009081
                                .01
```

9009081	.02
9009081	.03
9009081	.05
9009081	1
9009081	1.1
9009081	2.1
9009081	2.2
9009081	2.3
9009081	2.4
9009081	3
9009081	4
9009081	6
9009081	8
9009081	10
9009081	12
9009081	13
9009081	14
9009081	15
9009081	18
9009081	19
9009081	20
9009081	21
9009081	22
9009081	23
FileMan audit link turned on	
Updating Routine file	
Updating KIDS files	
BUSA*1.0*3 Installed. Aug 05, 2020@1	6:05:55

Not a VA primary domain

NO Install Message sent

Figure 4-1: Sample Cache install

## 5.0 Installation Configuration

The following example illustrates how to turn off the FileMan Auditing switch if a site determines that they do not want to log all before and after captures of changes in patient information.

**Note:** Disabling this switch will not prevent other patient or system related activity from getting recorded to BUSA.

```
Core Applications ...
         Device Management ...
  3
         VA FileMan ...
  4
        Manage Mailman ...
        Menu Management ...
        Programmer Options ...
  7 Operations Management ...
8 User Management ...
9 AVA MENU ...
10 Taskman Management ...
11 Information Security Officer Menu ...
12 Admin Tools ...
You have PENDING ALERTS
         Enter "VA to jump to VIEW ALERTS option
Current Security Audit Settings:
    Master Status: On
                  Date Logged: AUG 05, 2020@16:05:52
                  User Logged: DEMO, USER E
    BMXNet
                 Status:
                                On
                  Date Logged: AUG 05, 2020@16:05:52
                  User Logged: DEMO, USER E
    CIA Broker Status:
                                 On
                  Date Logged: AUG 05, 2020@16:05:52
    User Logged: DEMO,USER E XWB Broker Status: On
                  Date Logged: AUG 05, 2020@16:05:52
                  User Logged: DEMO, USER E
    FileMan
                  Status:
                                On
                   Date Logged: AUG 05, 2020@16:05:52
                   User Logged: DEMO, USER E
    Select one of the following:
                  Master
                  BMXNet
         С
                  CIA Broker
                  XWB Broker
                  FileMan
Select Switch: FileMan
    Select one of the following:
```

1 0	On Disabled			
Change Status: On/ Disable Comment: I	// 0 Disabled Disabling FileMan auditing in production			
Turning off local Fileman file/field audit entries This could take some time to complete Turning off FileMan auditing link - restoring fields to original audit status 2 .01				
2	.02			
2	.03			
2 2	.033			
2	.06			
2	.07			
2	.08			
2 2	.081 .082			
2	.083			
2	.09			
2 2 2	.0901 .0905 .0906			
2	.091			
2	.092			
2	.093			
2	.096			
2	.097			
2	.098			
2	.1			
Additional list	Additional list of files/fields here			
9009081	.01			
9009081	.02			

9009081	.03
9009081	.05
9009081	1
9009081	1.1
9009081	2.1
9009081	2.2
9009081	2.3
9009081	2.4
9009081	3
9009081	4
9009081	6
9009081	8
9009081	10
9009081	12
9009081	13
9009081	14
9009081	15
9009081	18
9009081	19
9009081	20
9009081	21
9009081	22
9009081	23
FileMan audit link turned off	

Figure 5-1: How to turn off the FileMan Auditing switch

# **Acronym List**

Acronym	Meaning
API	Application Programming Interface
CHIT	Certified Health IT
CPU	Central Processing Unit
IHS	Indian Health Service
KIDS	Kernel Installation and Distribution System
MU	Meaningful Use
RPMS	Resource and Patient Management System

## **Contact Information**

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

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