Deployment, Installation, Back-Out, and Roll Back Guide

Pharmacy Copay

Initial Release IB\*2\*676



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Department of Veterans Affairs

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**Revision History**

| **Date** | **Version** | **Description** | **Author** |
| --- | --- | --- | --- |
| 08/10/2021 | 1.1 | Updated with final information from IB\*2\*676 Patch Description v20 | Cerner Team |
| 03/16/2020 | 1.0 | Initial Version | Cerner Team |

**Artifact Rationale**

This document describes the *Deployment, Installation, Back-out, and Roll Back Plan* for new products going into the VA Enterprise. The plan includes information about system support, issue tracking, escalation processes, and roles and responsibilities involved in all those activities. Its purpose is to provide clients, stakeholders, and support personnel with a smooth transition to the new product or software, and should be structured appropriately, to reflect particulars of these procedures at a single or at multiple locations.

Per the Veteran-focused Integrated Process (VIP) Guide, the Deployment, Installation, Back-out, and Roll Back Plan is required to be completed prior to Critical Decision Point #2 (CD #2), with the expectation that it will be updated throughout the lifecycle of the project for each build, as needed.

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# Introduction

This document describes the practices and procedures to deploy and install IB\*2\*676 VistA Integrated Billing’s Pharmacy Copay initiative artifacts.

## Purpose

The purpose of this plan is to provide a single, common document that describes how, when and where the IB\*2\*676 VistA Integrated Billing’s Pharmacy Copay initiative artifacts will be deployed and installed, as well as to back out and roll back, if necessary. The plan also identifies resources, communications plan, and rollout schedule. This document contains and defines the detailed repeatable deployment approach, management processes, schedule, readiness activities, resources, and assessment methods applied to ensure the successful deployment of the solution in VistA Integrated Billing. The *Deployment, Installation, Back-out, and Roll Back Plan* also identifies key assumptions, risks, and associated documents and processes that are relevant to the deployment of the IB\*2\*676 solution into full-production use in VistA Integrated Billing.

## Dependencies

Associated patches:

(v)IB\*2\*563 <<= must be installed BEFORE `IB\*2\*676'

(v)IB\*2\*637 <<= must be installed BEFORE `IB\*2\*676'

(v)IB\*2\*645 <<= must be installed BEFORE `IB\*2\*676'

## Constraints

There are no constraints for this deployment.

# Roles and Responsibilities

The key organization responsible for a deployment is the VA VistA Integrated Billing team.

Table 1 provides a list of primary contact names, emails, and phone numbers.

Table 1: Primary Points of Contact (PoC)

| **Name** | **Organization** | **Title** | **Office Phone** | **Email** |
| --- | --- | --- | --- | --- |
| Will Pijai | Cerner | Project Manager | 571-205-9570 | c\_pijai.william@cerner.com |
| Kim Giefer | Cerner | Product Owner | 816-201-2116 | kim.giefer@cerner.com |
| Kendra Harris | VA | ATT PM | 202-460-0248 | Kendra.Harris4@va.gov |

Table 2, provides a listing and description of the detailed roles and responsibilities as it relates to the deployment of the Pharmacy Copay solution.

Table 2: Deployment Roles and Responsibilities

| **Role** | **Responsibilities** | **Organization** |
| --- | --- | --- |
| Program Executive | * Implements deployment decisions made and ensure achievement of critical deployment milestones * Ensure achievement of all critical milestones for each deployment * Provide strategic guidance, timely decision-making for each deployment * Participate in deployment management meetings | Enterprise Portfolio Management Division (EPMD)  Office of Information Technology (OIT) |
| Project Manager / Program Management Office (PMO) | * Document comprehensive technical and functional deployment tasks * Ensure operational execution of all technical and functional implementation activities * Manage scope, deployment IMS schedule, budget, resources and risks * Participate in deployment management meetings | Enterprise Portfolio Management Division (EPMD)  Office of Information Technology (OIT) |
| Security Integrated Project Team (IPT) | * Ensure adherence to all applicable security protocols and guidelines (NIST, etc.) * Maintain security of Personally Identifiable Information (PII) throughout all project phases * Be available to mitigate risks to deployment through decision-making, communication, meetings/briefings or on-site presence for security related issues | VA Regional Data Centers |
| Transition Points of Contact (Transition POCs) | * Ensure completion of technical and functional preparedness (i.e., complete   and sign-off on site readiness checklist items)   * Conduct user familiarization informational sessions (i.e., deliver talking points, solicit feedback) * Convey and communicate success, project benefits and be a visible supporter of the project | Enterprise Portfolio Management Division (EPMD)  Office of Information Technology (OIT) |

# Deployment

The Pharmacy Copay initiative shares Outpatient Pharmacy copayment transaction information between Cerner and VistA systems.

## Timeline

The planned production release will be the first release.

## Site Readiness Assessment

Not applicable.

### Deployment Topology (Targeted Architecture)

Not applicable.

### Site Information (Locations, Deployment Recipients)

VistA - Integrated Billing – all VistA instances at Regional Data Centers

### Site Preparation

The following table describes preparation required by the site prior to deployment.

**Table 3: Site Preparation**

| **Site/Other** | **Problem/Change Needed** | **Features to Adapt/Modify to New Product** | **Actions/Steps** | **Owner** |
| --- | --- | --- | --- | --- |
| N/A | N/A | N/A | N/A | N/A |

## Resources

VA Regional Data Centers provides hardware and software per VA templates, and software licenses are tracked by the VA.

### Facility Specifics

The following table lists facility-specific features required for deployment. This section is not applicable to the Pharmacy Copay.

**Table 4: Facility-Specific Features**

| **Site** | **Space/Room** | **Features Needed** | **Other** |
| --- | --- | --- | --- |
| N/A |  |  |  |

### Hardware

Additional hardware is not needed to migrate enhancements.

**Table 5: Hardware Specifications**

| **Required Hardware** | **Model** | **Version** | **Configuration** | **Manufacturer** | **Other** |
| --- | --- | --- | --- | --- | --- |
| N/A |  |  |  |  |  |

Refer to Table 2 Roles and Responsibilities for details about who is responsible for preparing the site to meet these hardware specifications.

### Software

The following table describes software specifications required for deployment.

**Table 6: Software Specifications**

| **Required Software** | **Make** | **Version** | **Configuration** | **Manufacturer** | **Other** |
| --- | --- | --- | --- | --- | --- |
|  |  |  | n/a | n/a |  |

Refer to Table 2 Roles and Responsibilities for details about who is responsible for preparing the site to meet these software specifications.

### Communications

The VA OEHRM provides all communications to the user community of implementation or system changes.

# Installation

## Pre-installation and System Requirements

This patch may be installed with users on the system although it is recommended that it be installed during non-peak hours to minimize potential disruption to users. This patch should take less than 5 minutes to install. There are no pre-install instructions for HL7.

## Platform Installation and Preparation

Existing infrastructure will be used to support the VistA Patch IB\*2.0\*676 installation.

## Software and Documentation Retrieval Instructions

The software for this patch is being released in a PackMan message.

Documentation describing the new functionality is included in this release. Documentation can be found on the VA Software Documentation Library at:  <https://www.va.gov/vdl/>. Documentation can also be obtained at <https://download.vista.med.va.gov/index.html/SOFTWARE>, and /srv/vista/patches/SOFTWARE in binary format.

Documentation Title                             File Name

-----------------------------------------------------------------------

IB\*2\*676 Deployment, Installation, Back-Out,    IB\_2\_0\_P676\_DIBR.PDF

  and Rollback Guide

IB\*2\*676 Integrated Billing Version 2           IB\_2\_0\_P676\_TM.PDF

  Technical Manual

IB\*2\*676 Integrated Billing Version 2           IB\_2\_0\_P676\_UM.PDF

  User Manual

## Database Creation

No new databases will be created for this initiative.

## Cron Scripts

Cron Scripts are not applicable during this upgrade.

## Access Requirements and Skills Needed for the Installation

No new access requirements and Skills are needed for the installation.

## Installation Procedure

1. Choose the PackMan message containing this patch.

2. Choose the INSTALL/CHECK MESSAGE PackMan option.

3. From the Kernel Installation and Distribution System Menu, select the Installation Menu. From this menu, you may elect to use the following options. When prompted for the INSTALL NAME enter the patch IB\*2.0\*676.

a. Backup a Transport Global - This option will create a backup message of any routines exported with this patch. It will not backup any other changes such as DDs or templates.

b. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when this patch is installed. It compares all components of this patch (routines, DDs, templates, etc.).

c. Verify Checksums in Transport Global - This option will allow you to ensure the integrity of the routines that are in the transport global.

4. From the Installation Menu, select the Install Package(s) option and choose the patch to install.

5. If prompted Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// answer NO

6. If prompted Want KIDS to INHIBIT LOGONs during the install? NO// answer NO

7. If prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// answer No

8. If prompted Delay Install (Minutes): (0 60): 0// respond 0.

1. Choose the PackMan message containing this patch.
2. Choose the INSTALL/CHECK MESSAGE PackMan option.
3. From the Kernel Installation & Distribution System menu, select the Installation menu. From this menu,
   1. Select the Verify Checksums in Transport Global option to confirm the integrity of the routines that are in the transport global. When prompted for the INSTALL NAME enter the patch or build name IB\*2.0\*676.
   2. Select the Backup a Transport Global option to create a backup message. You must use this option and specify what to backup; the entire Build or just Routines. The backup message can be used to restore the routines and components of the build to the pre-patch condition.
      1. At the Installation option menu, select Backup a Transport Global
      2. At the Select INSTALL NAME prompt, enter your build IB\*2.0\*676
      3. When prompted for the following, enter "R" for Routines or "B" for Build.

Select one of the following:

B Build

R Routines

Enter response: Routines

* 1. You may also elect to use the following options:
     1. Print Transport Global - This option will allow you to view the components of the KIDS build.
     2. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when this patch is installed. It compares all of the components of this patch, such as routines, DDs, templates, etc.

1. From the Installation Menu, select the Install Package(s) option and choose the patch to install.
2. If prompted Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO// answer NO
3. If prompted Want KIDS to INHIBIT LOGONs during the install? NO// answer NO
4. If prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// answer No
5. If prompted Delay Install (Minutes): (0 60): 0// respond 0.

## Post-Installation Instructions

In order for the new Logical links to function properly the appropriate DNS and Port number will need to be manually entered for each site. The link should also be set to AUTOSTART in order to ensure the link is restarted when the system restarts.

Use FILEMAN to edit the HL LOGICAL LINK file:

Edit the following fields:

DNS DOMAIN

AUTOSTART

TCP/IP PORT (OPTIMIZED)

Select HL LOGICAL LINK NODE: IBARXCVDF

NODE: IBARXCVDF//

DNS DOMAIN: <Enter Site's DNS from list below> Replace

AUTOSTART: Enabled <Enter 1 to enable>

TCP/IP PORT (OPTIMIZED): <Enter Site's Port number from list below>

\*\*\*WARNING\*\*\*

It is essential that when entering DNS or Port information you do NOT include trailing spaces. Cut and pasting of information can include a trailing or preceding space. This will cause the Logical Link to fail when connecting.

You will need to input the DNS domain and Port number for the site being installed from the following list:

"Station ID" Facility Name DNS domain Port

358 Manila, PI (358) VHA hc-vdif-r01-01.va.gov 7200

436 Montana HCS (436) VHA (Fort Harrison) hc-vdif-r01-02.va.gov 7200

442 Cheyenne, WY (442) VHA hc-vdif-r01-02.va.gov 7201

459 "Honolulu, HI (459) VHA (SPARK M. MATSUNAGA VAMC)

- GUAM VA CBOC (459GE)

- AMERICAN SAMOA VA CLINIC (459GF)

- SAIPAN VA CLINIC (459GH)"

hc-vdif-r01-01.va.gov 7201

501 Albuquerque, NM (501) VHA hc-vdif-r01-02.va.gov 7202

463 Anchorage, AK (463) VHA hc-vdif-r01-01.va.gov 7202

504 Amarillo, TX (504) VHA hc-vdif-r01-01.va.gov 7203

554 EASTERN COLORADO HCS (Denver) CO (554) VHA hc-vdif-r01-02.va.gov 7203

519 Big Spring, TX (519) VHA hc-vdif-r01-01.va.gov 7204

575 Grand Junction, CO (575) VHA hc-vdif-r01-02.va.gov 7204

531 Boise, ID (531) VHA hc-vdif-r01-01.va.gov 7205

593 LAS VEGAS, NV - Southern Nevada HCS (593) VHA hc-vdif-r01-02.va.gov 7205

570 Fresno, CA (570) VHA hc-vdif-r01-01.va.gov 7206

600 Long Beach, CA (600) VHA hc-vdif-r01-02.va.gov 7206

605 Loma Linda CA (605) VHA hc-vdif-r01-02.va.gov 7207

612 "Northern California HCS (612) VHA (Parent)

- SACRAMENTO VA MEDICAL CENTER (612A4)"

hc-vdif-r01-01.va.gov 7207

640 "Palo AltoVAMC (640) VHA (Parent)

- PALO ALTO VAMC-LIVERMORE (640A4)

- VADOM MENLO PARK (640BU)"

hc-vdif-r01-01.va.gov 7208

644 Phoenix, AZ (644) VHA hc-vdif-r01-02.va.gov 7208

648 "Portland VAMC OR (648) VHA (Parent)

- VANCOUVER,WA DIV PORTLAND VAMC (648A4)"

hc-vdif-r01-01.va.gov 7209

649 Prescott, AZ (649) VHA hc-vdif-r01-02.va.gov 7209

653 Roseburg, OR (653) VHA hc-vdif-r01-01.va.gov 7210

660 Salt Lake City,UT (660) VHA hc-vdif-r01-02.va.gov 7210

654 RENO, NV (Sierra Nevada HCS) (654) VHA hc-vdif-r01-01.va.gov 7211

662 San Francisco, CA (662) VHA hc-vdif-r01-02.va.gov 7211

663 "Puget Sound HCS (Seattle VAMC) (663) VHA (Parent)

- AMERICAN LAKE (VAMC) (663A4)"

hc-vdif-r01-01.va.gov 7212

664 San Diego, CA (664) VHA hc-vdif-r01-02.va.gov 7212

666 Sheridan, WY (666) VHA hc-vdif-r01-02.va.gov 7213

668 Spokane, WA (668) VHA hc-vdif-r01-01.va.gov 7213

678 Tucson, AZ (678) VHA hc-vdif-r01-02.va.gov 7214

687 Walla Walla, WA (687) VHA hc-vdif-r01-01.va.gov 7214

756 El Paso, TX (756) VHA hc-vdif-r01-02.va.gov 7215

691 VA GREATER LOS ANGELES HCS (691) VHA hc-vdif-r01-01.va.gov 7215

692 White City, OR (692) VHA hc-vdif-r01-01.va.gov 7216

437 Fargo, ND (437) VHA hc-vdif-r02-01.va.gov 7200

438 Sioux Falls, SD (438) VHA hc-vdif-r02-01.va.gov 7201

502 Alexandria, LA (502) VHA hc-vdif-r02-01.va.gov 7202

520 BILOXI, MS (C) (Gulf Coast, HCS), MS (520) VHA hc-vdif-r02-01.va.gov 7203

537 Chicago HCS (537) VHA hc-vdif-r02-01.va.gov 7204

549 "North Texas HCS - Dallas VAMC (549) VHA (Parent)

- SAM RAYBURN MEM VET CENTER (549A4)"

hc-vdif-r02-01.va.gov 7205

556 North Chicago, IL (556) VHA hc-vdif-r02-01.va.gov 7206

564 Fayetteville, AR (564) VHA hc-vdif-r02-01.va.gov 7207

568 "BLACK HILLS HCS

- SD-Fort Mead (568) (Parent)

- Hot Springs (568A4) VHA"

hc-vdif-r02-01.va.gov 7208

578 Hines, IL (578) VHA hc-vdif-r02-01.va.gov 7209

580 Houston, TX (580) VHA hc-vdif-r02-01.va.gov 7210

585 Iron Mountain, MI (585) VHA hc-vdif-r02-01.va.gov 7211

586 Jackson, MS (586) VHA hc-vdif-r02-01.va.gov 7212

589 "HEARTLAND-WEST HCS Kansas City, MO (589) VHA

- Eastern Kansas, KS VHA (Sub Parent)

- Topeka (589A5) VHA

- Leavenworth (589A6) VHA

- Columbia, MO (589A4) VHA

- Wichita, KS (589A7) VHA"

hc-vdif-r02-01.va.gov 7213

598 "Little Rock, AR (598) VHA (Parent)

- NORTH LITTLE ROCK, AR VANPH (598A0)"

hc-vdif-r02-01.va.gov 7214

607 Madison, WI (607) VHA hc-vdif-r02-01.va.gov 7215

618 Minneapolis, MN (618) VHA hc-vdif-r02-01.va.gov 7216

623 Muskogee, OK (623) VHA hc-vdif-r02-01.va.gov 7217

629 New Orleans, LA (629) VHA hc-vdif-r02-01.va.gov 7218

635 Oklahoma City, OK (635) VHA hc-vdif-r02-01.va.gov 7219

636 "CENTRAL PLAINS HCS

- Nebraska-Western Iowa HCS NE Omaha (636)

- Grand Island (636A4)

- Lincoln (636A5)

- Central Iowa HCS, IA (Des Moines VHA (636A6) )

- Iowa City, IA VHA (636A8)"

hc-vdif-r02-01.va.gov 7220

656 St. Cloud, MN (656) VHA hc-vdif-r02-01.va.gov 7221

657 "HEARTLAND-EAST HCS St. Louis, MO JCochran (657)

- Jbarracks (657A0)

- Poplar Bluff, MO (657A4) VHA

- Marion, IL (657A5) VHA"

hc-vdif-r02-01.va.gov 7222

667 Shreveport, LA (667) VHA hc-vdif-r02-01.va.gov 7223

671 "South Texas HCS - San Antonio

(AUDIE L. MURPHY MEMORIAL HOSP) (671) VHA

- KERRVILLE VA MEDICAL CENTER (671A4)"

hc-vdif-r02-01.va.gov 7224

674 "Central Texas HCS

-Temple (674) VHA OLIN E. TEAGUE VET CENTER

- DORIS MILLER VAMC (Waco) (674A4)"

hc-vdif-r02-01.va.gov 7225

676 Tomah, WI (676) VHA hc-vdif-r02-01.va.gov 7226

695 Milwaukee, WI (695) VHA hc-vdif-r02-01.va.gov 7228

740 Texas Valley Costal Bend (740) HCS hc-vdif-r02-01.va.gov 7229

506 Ann Arbor, MI (506) VHA hc-vdif-r03-01.va.gov 7200

508 Atlanta, GA (508) VHA hc-vdif-r03-01.va.gov 7201

509 Augusta, GA (509) VHA hc-vdif-r03-01.va.gov 7202

515 Battle Creek, MI (515) VHA hc-vdif-r03-01.va.gov 7203

516 Bay Pines, FL (516) VHA hc-vdif-r03-01.va.gov 7204

517 Beckley, WV (517) VHA hc-vdif-r03-01.va.gov 7205

757 Columbus, OH (OPC) (757) VHA; hc-vdif-r03-01.va.gov 7206

521 Birmingham, AL (521) VHA hc-vdif-r03-01.va.gov 7207

534 Charleston SC (534) VHA hc-vdif-r03-01.va.gov 7208

538 Chillicothe, OH (538) VHA hc-vdif-r03-01.va.gov 7209

539 Cincinnati, OH (539) VHA hc-vdif-r03-01.va.gov 7210

541 Cleveland, OH (541) VHA hc-vdif-r03-01.va.gov 7211

544 Columbia, SC (544) VHA hc-vdif-r03-01.va.gov 7212

546 Miami, FL (546) VHA hc-vdif-r03-01.va.gov 7213

548 West Palm Beach, FL (548) VHA hc-vdif-r03-01.va.gov 7214

550 Illiana - Danville, IL (550) VHA hc-vdif-r03-01.va.gov 7215

552 Dayton, OH (552) VHA hc-vdif-r03-01.va.gov 7216

553 Detroit, MI (553) VHA hc-vdif-r03-01.va.gov 7217

557 Dublin, GA (557) VHA hc-vdif-r03-01.va.gov 7218

558 Durham, NC (558) VHA hc-vdif-r03-01.va.gov 7219

565 Fayetteville, NC (565) VHA hc-vdif-r03-01.va.gov 7220

573 "No. FL/So. GA HCS (573) VHA (Parent)

- LAKE CITY VA MEDICAL CENTER (573A4)"

hc-vdif-r03-01.va.gov 7221

581 Huntington WV (581) VHA hc-vdif-r03-01.va.gov 7222

583 Indianapolis, IN (583) VHA hc-vdif-r03-01.va.gov 7223

590 Hampton, VA (590) VHA hc-vdif-r03-01.va.gov 7224

596 "Lexington, KY (596) VHA (Parent)

- LEXINGTON-CDD VAMC (596A4)"

hc-vdif-r03-01.va.gov 7225

603 Louisville, KY (603) VHA hc-vdif-r03-01.va.gov 7226

610 "Northern Indiana (610) VHA (Marion VAMC) (Parent)

- FORT WAYNE VA MEDICAL CENTER (610A4)"

hc-vdif-r03-01.va.gov 7227

614 Memphis, TN (614) VHA hc-vdif-r03-01.va.gov 7228

619 "Central Alabama HCS VHA (Parent)

- TUSKEGEE VAMC (619A4)"

hc-vdif-r03-01.va.gov 7229

621 Mountain Home TN (621) VHA hc-vdif-r03-01.va.gov 7230

626 "Tennessee Valley (626) HCS (Parent)

- ALVIN C. YORK VAMC (Murfeesboro) (626A4)"

hc-vdif-r03-01.va.gov 7231

637 Asheville, NC (637) VHA hc-vdif-r03-01.va.gov 7232

652 Richmond, VA (652) VHA hc-vdif-r03-01.va.gov 7233

655 Saginaw, MI (655) VHA hc-vdif-r03-01.va.gov 7234

658 Salem, VA (658) VHA hc-vdif-r03-01.va.gov 7235

659 Salisbury, NC (659) VHA hc-vdif-r03-01.va.gov 7236

672 "San Juan, PR (672) VHA (Parent)

- PONCE OUTPATIENT CLINIC (672BO)

- MAYAGUEZ OUTPATIENT CLINIC (672BZ)"

hc-vdif-r03-01.va.gov 7237

673 Tampa, FL (673) VHA hc-vdif-r03-01.va.gov 7238

675 Orlando, FL (675) VHA hc-vdif-r03-01.va.gov 7239

679 Tuscaloosa, AL (679) VHA hc-vdif-r03-01.va.gov 7240

402 Togus, ME (402) VHA hc-vdif-r04-02.va.gov 7200

460 Wilmington, DE (460) VHA hc-vdif-r04-01.va.gov 7200

503 Altoona, PA (503) VHA hc-vdif-r04-01.va.gov 7201

405 White River Junction, VT (405) VHA hc-vdif-r04-02.va.gov 7201

518 Bedford, MA (518) VHA hc-vdif-r04-02.va.gov 7202

512 "MARYLAND HCS - Baltimore, MD (512) (Parent)

- PERRY POINT VAMC (512A5)"

hc-vdif-r04-01.va.gov 7202

523 "Boston HCS (523) VHA (Parent)

- WEST ROXBURY VAMC (523A4)

- BROCKTON VAMC (523A5)"

hc-vdif-r04-02.va.gov 7203

526 Bronx, NY (526) VHA hc-vdif-r04-02.va.gov 7204

529 Butler, PA (529) VHA hc-vdif-r04-01.va.gov 7204

540 Clarksburg, WV (540) VHA hc-vdif-r04-01.va.gov 7205

528 "UPSTATE NEW YORK HCS (Buffalo, NY) (528) VHA (Parent Site)

- Batavia, NY (528A4)

- Canandaigua, NY (528A5) VHA

- Bath, NY (528A6) VHA

- Syracuse, NY (528A7) VHA

- Albany, NY (528A8) VHA (VistA Instance)"

hc-vdif-r04-02.va.gov 7205

542 Coatesville, PA (542) VHA hc-vdif-r04-01.va.gov 7206

561 "NEW JERSEY HCS (561) East Orange Campus (Parent)

- NEW JERSEY HEALTH CARE SYSTEM

- LYONS CAMPUS (561A4)" hc-vdif-r04-02.va.gov 7206

562 Erie, PA (562) VHA hc-vdif-r04-01.va.gov 7207

608 Manchester, NH (608) VHA hc-vdif-r04-02.va.gov 7207

620 "Hudson Valley HCS (620) VHA (Parent)

- VA HUDSON VALLEY HEALTH CARE

- CASTLE POINT DIVISION (620A4)"

hc-vdif-r04-02.va.gov 7208

595 Lebanon, PA (595) VHA hc-vdif-r04-01.va.gov 7208

613 Martinsburg, WV (613) VHA hc-vdif-r04-01.va.gov 7209

630 "New York (Harbor) HCS (630) VHA (Manhattan)

- VA NEW YORK HARBOR HEALTHCARE SYSTEM

- BROOKLYN DIVISION (630A4)"

hc-vdif-r04-02.va.gov 7209

631 Northampton (MA) VHA (631) VHA hc-vdif-r04-02.va.gov 7210

642 Philadelphia, PA (642) VHA hc-vdif-r04-01.va.gov 7210

632 Northport, NY (632) VHA hc-vdif-r04-02.va.gov 7211

646 "Pittsburgh HCS (646) VHA (Parent)

- H. JOHN HEINZ III VAMC (646A4)"

hc-vdif-r04-01.va.gov 7211

650 Providence, RI (650) VHA hc-vdif-r04-02.va.gov 7212

688 Washington, DC (688) VHA hc-vdif-r04-01.va.gov 7212

689 "Connecticut HCS (689) VHA (Parent)

- NEWINGTON VAMC (689A4)"

hc-vdif-r04-02.va.gov 7213

693 Wilkes-Barre, PA (693) VHA hc-vdif-r04-01.va.gov 7213

741 Denver, CO (741) HEALTH ADMINISTRATION CENTER hc-vdif-r01-02.va.gov 7216

## VERIFY Connectivity Post Configuration

Once you have configured the IBARXCVDF Logical Link you will need to test it to ensure connectivity to VDIF.

\*Note: Be aware this will only function in production. As test systems are not connected to VDIF unless specifically configured to do so.

In VistA use the HL7 Main Menu, Filer and Link Management Options, Ping, HLO options.

Follow the directions below to ensure the Logical Link connects to VDIF.

HL MAIN MENU HL7 Main Menu

Event monitoring menu ...

Systems Link Monitor

Filer and Link Management Options ...

Message Management Options ...

Interface Developer Options ...

Site Parameter Edit

Select HL7 Main Menu <TEST ACCOUNT> Option:

FILer and Link Management Options

SM Systems Link Monitor

FL Monitor, Start, Stop Filers

LM TCP Link Manager Start/Stop

SA Stop All Messaging Background Processes

RA Restart/Start All Links and Filers

DF Default Filers Startup

SL Start/Stop Links

PI Ping (TCP Only)

ED Link Edit

ER Link Errors ...

Select Filer and Link Management Options Option: PI Ping (TCP Only)

What HL Logical Link do you want to test?

Select a TCP link:IBARXCVDF

Do you want to PING the port used by HLO or the one used by HL7 1.6?

Select one of the following:

1 HLO --> Port #XXXX <<< This should be the Configured Port #

2 HL7 1.6 --> Port #XXXX

Enter response: 1// HLO --> Port #XXXX

Trying to connect...

Connected!

Sending PING ...

PING sent!

Reading acknowledgment....

Acknowledgment received! <<<< Successful Connection

\*Note: If you do not get a successful connection please recheck your values in the Logical Link. If you verify your values and still do not get a successful connection in Production, please log a help desk ticket.

## System Configuration

## System Configuration

The VistA Patch IB\*2.0\*676 Pharmacy Copay initiative artifacts are built and deployed on existing System Configuration. No new system configurations have been identified.

## Database Tuning

There is no database tuning required for the VistA Patch IB\*2.0\*676 Pharmacy Copay initiative.

# Back-Out Procedure

The decision to back out VistA Patch IB\*2.0\*676 patch will be a joint decision between VA Site/Region personnel and other appropriate VA personnel.

## Back-Out Strategy

Prior to installing the updated KIDS package, the site/region should have saved a backup of the routines in a mail message using the Backup a Transport Global [XPD BACKUP] menu option.

The message containing the backed up routines can be loaded with the "Xtract PackMan" function at the Message Action prompt.

## Back-Out Considerations

The back-out VistA patch IB\*2.0\*676 should restore the system to its original functional state.

### Load Testing

Load testing is not required during this upgrade. VistA sites continuously monitors the Integrated Billing package for performance statistics.

### User Acceptance Testing

User Acceptance Testing of modules that depend directly on VistA Integrated Billing’ will be orchestrated by VA deployment team.

## Back-Out Criteria

The criteria to back-out VistA patch IB\*2.0\*676 can include

1. A technical issue limiting VistA Integrated Billing package functionality
2. Discovery of any critical issues during functional validation. Back-out will be in accordance with VA VIP procedures.

## Back-Out Risks

There are no known risks with back-out of IB\*2.0\*676.

## Authority for Back-Out

VA OEHRM is the final approver for back-out of any production migrations. Cerner team will communicate with other individuals identified in the roles in Table 2.

## Back-Out Procedure

The PackMan function INSTALL/CHECK MESSAGE is then used to install the backed up routines onto the VistA system.

## Back-out Verification Procedure

The back-out removes the following entries in the HLO APPLICATION REGISTRY file (#779.2):

IBARXC-QRY

IBARXC-QRYRESP

IBARXC-RECV

IBARXC-RESP

IBARXC-SEND

IBARXC-QRY

IBARXC-QRYRESP

# Roll Back Procedure

A back-out of the IB\*2.0\*676 patch restores the system to its original state with no additional roll back procedures required.

## Roll Back Considerations

A back-out of the IB\*2.0\*676 patch restores the system to its original state with no additional roll back considerations required.

## Roll Back Criteria

There are no known constraints to back-out IB\*2.0\*676 and roll back to the original known state.

## Roll Back Risks

A back-out of IB\*2.0\*676 will result in a roll back to the last known working state with no known risks.

## Authority for Roll Back

VA OEHRM is the final approver for roll back of production migrations.

## Roll Back Procedure

The roll back involves the back-out of IB\*2.0\*676.

## Roll back Verification Procedure

The roll back verification procedure is the same as IB\*2.0\*676 back-out verification procedure.