## Revision History

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<th>Description</th>
<th>Author</th>
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<td>11/21/16</td>
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<td>Update deployment schedule</td>
<td>Kathy Coupland</td>
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<td>10/31/16</td>
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<td>09/29/16</td>
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<td>Updated for VIP Style Guide requirements and label device modifications; updated IOC site evaluation; deployment schedule</td>
<td>Kathy Coupland</td>
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<td>07/25/16</td>
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<td>Cecelia Wray</td>
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<td>07/20/16</td>
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<td>Update VA Links</td>
<td>Kathy Coupland</td>
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<td>Mark Kauffman</td>
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<td>Review</td>
<td>Brad Fisher</td>
</tr>
<tr>
<td>07/17/16</td>
<td>0.1</td>
<td>Initial Draft</td>
<td>Kathy Coupland</td>
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1 Introduction

This document describes how to deploy and install OneVA Pharmacy Patch (PSO*7.0*454).

The purpose of this plan is to provide a single, common document that describes how, when, where, and to whom the OneVA Pharmacy Patch will be deployed and installed, as well as how it is to be backed out and rolled back, if necessary. The plan also identifies resources, communications plan, and rollout schedule. Specific instructions for installation, back-out, and rollback are included in this document.

1.1 Dependencies

The overall OneVA Pharmacy design has several components. They are:

1. Veterans Health Information Systems and Technology Architecture (VistA) (Patch PSO*7.0*454)
2. Health Level 7 (HL7) Messaging
3. Enterprise Messaging Infrastructure (eMI) Enterprise Service Bus (ESB)
4. Health Data Repository/Clinical Data Service (HDR/CDS)

✓ Patch PSO*7*427 must be installed before PSO*7*454.
✓ Patch PSO*7*444 must be installed before PSO*7*454.

1.2 Constraints

OneVA Pharmacy is dependent on the integration of the eMI ESB and the HDR/CDS Repository using Logical Link communication. A new HL7 logical link, PSORRXSEND, facilitates the sending/receiving of the HL7 messages via eMI. The PSO VISTA PHARM and PSO EMI PHARM application parameters control the message processing within VistA. The existing VA multi-threaded listener is leveraged at each facility for receiving the HL7 messages into VistAs production environment. The constraint is that there is no communication established from a sites VistA test mirror account to eMI therefore the software is unable to be tested in the VistA test mirror account.

Another constraint would be for sites that have made local modifications to the same routines released in the OneVA Pharmacy Patch. Those sites would need to retrofit the software which may delay the ability to install the OneVA Pharmacy Patch in the mandated time frame.

1.3 Documentation Conventions

Various symbols used throughout the documentation to alert the reader to special information. The following table gives a description of each of these symbols.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="i" /></td>
<td>NOTE: Used to inform the reader of general information including references to additional reading material</td>
</tr>
</tbody>
</table>
2 Roles and Responsibilities

Leadership at the VAs Grassroots Innovations Program, a cooperative effort between the Chief Technology Officer, the Health and Medical Informatics Office, and the VAs Office of Information and Technology (OI&T) provided innovators (VA employees) with a forum to propose new opportunities and to develop new ideas into functional prototypes.

The OneVA Pharmacy is an Innovations Program initiative. OneVA Pharmacy software provides the Department of Veterans Health Administration (VHA) the capability to allow Veterans traveling across the United States to refill or partial their active VA non-controlled substance prescriptions at any VA Pharmacy location regardless of where the prescription originated. The Patch expands available pharmacy information in Veterans Health Information Systems and Technology Architecture (VistA) to Pharmacists, providing direct access to any active and refillable prescription from any VA Pharmacy location.

OneVA Pharmacy software provides a foundation to build and extend new capabilities to the Veteran.

- PMAS Project Number: N/A
- Current PMAS state: N/A
- EPS Code(s): 2015-11-03-11:54:05-00-00-00-00-00-00-000
- Proposed Production Install Date: Q4FY16
- Business Owner: Robert Silverman,
- FISMA System Owner: N/A; This system falls under VistA Outpatient Pharmacy

Table 2: Deployment, Installation, Back-out, and Rollback Roles and Responsibilities

<table>
<thead>
<tr>
<th>Team</th>
<th>Phase / Role</th>
<th>Tasks</th>
<th>Project Phase Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>ePIP</td>
<td>Deployment</td>
<td>Plan and schedule deployment (including orchestration with vendors)</td>
<td>To be completed by 10/24/2016</td>
</tr>
<tr>
<td>ePIP</td>
<td>Deployment</td>
<td>Determine and document the roles and responsibilities of those involved in the deployment.</td>
<td>To be completed by 10/24/2016</td>
</tr>
<tr>
<td>OneVA Pharmacy</td>
<td>Deployment</td>
<td>Test for operational readiness</td>
<td>To be complete by 10/24/2016</td>
</tr>
<tr>
<td>Team</td>
<td>Phase / Role</td>
<td>Tasks</td>
<td>Project Phase Schedule</td>
</tr>
<tr>
<td>--------------------------</td>
<td>------------------</td>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>ePIP</td>
<td>Deployment</td>
<td>Execute deployment</td>
<td>To be complete by 01/13/2017</td>
</tr>
<tr>
<td>OneVA Pharmacy – IOC only</td>
<td>Installation</td>
<td>Plan and schedule installation</td>
<td>To be complete by 10/24/2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>To be completed by 01/13/2017</td>
</tr>
<tr>
<td>N/A</td>
<td>Installation</td>
<td>Ensure authority to operate and that certificate authority security</td>
<td>Falls within existing ATOs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>documentation is in place</td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td>Installation</td>
<td>Validate through facility POC to ensure that IT equipment has been</td>
<td>VistA Patch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>accepted using asset inventory processes</td>
<td></td>
</tr>
<tr>
<td>OneVA Pharmacy - IOC</td>
<td>Installations</td>
<td>Coordinate training</td>
<td>Completed on 8/8/2016</td>
</tr>
<tr>
<td>OneVA Pharmacy</td>
<td>Back-out</td>
<td>Confirm availability of back-out instructions and back-out strategy</td>
<td>Completed in Software Quality Assurance</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(what are the criteria that trigger a back-out)</td>
<td>(SQA) 7/13/2016</td>
</tr>
<tr>
<td>ePIP/Health Product</td>
<td>Post Deployment</td>
<td>Hardware, Software and System Support</td>
<td>To be completed by 01/3/2017</td>
</tr>
<tr>
<td>Product Support (HPS)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 3 Deployment

There are two separate deployments for the OneVA Pharmacy Patch supported by two teams. They are:

1. IOC Site Production Deployment completed by the OneVA Pharmacy Team
2. National Deployment completed by the ePIP Team

### 3.1 Timeline

The OneVA Pharmacy Deployment Timeline is depicted in the following image. Also refer to the Deployment/Installation/Back-Out Checklist within this section for further details.
3.1.1 Deployment Topology

Refer to the Timeline introduction paragraph for OneVA Pharmacy deployment topology.

3.1.2 Site Information (Locations, Deployment Recipients)

IOC production deployment sites are Denver, Salt Lake City, and Grand Junction. The OneVA Pharmacy Patch was delivered to the Information Technology (IT) support staff responsible for the VistA installation at those sites. The software is installed in the IOC test and production environments.

3.1.3 Site Preparation

The OneVA Pharmacy is a VistA Patch therefore; no additional site preparation is necessary. Each site will be required to install Patches PSO*7*427 and PSO*7.0*444 as they are dependent patches. Each site will need to ensure eMI connections are established. The OneVA Pharmacy VistA Patch sends/receives HL7 messages via eMI to/from an existing port on the VistA system.

Site Readiness Assessment will be a part of the ePIP Deployment Plan
### Table 3: Site Preparation

<table>
<thead>
<tr>
<th>Site</th>
<th>Change Needed</th>
<th>Features</th>
<th>Actions/Steps</th>
<th>Owner</th>
</tr>
</thead>
</table>
| Denver           | Install Patch | Modification to existing VistA Outpatient Pharmacy software | 1. Install patch  
                          2. Test functionality | Amy Harrison  
                          John Hawks |
| Salt Lake City   | Install Patch | Modification to existing VistA Outpatient Pharmacy software | 1. Install patch  
                          2. Test functionality | Amy Harrison  
                          Debra Macdonald  
                          Bruce Bilodeau |
| Grand Junction   | Install Patch | Modification to existing VistA Outpatient Pharmacy software | 1. Install patch  
                          2. Test functionality | David Komaru  
                          Brenda Wainwright |

### 3.2 Resources

The following section summarizes resources related to the OneVA Pharmacy project.

#### 3.2.1 Facility Specifics

The following table lists facility-specific features required for the OneVA Pharmacy deployment.

<table>
<thead>
<tr>
<th>Site</th>
<th>Space/Room</th>
<th>Features Needed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver</td>
<td>N/A</td>
<td>Patch PSO<em>7.0</em>454</td>
<td>None</td>
</tr>
<tr>
<td>Salt Lake City</td>
<td>N/A</td>
<td>Patch PSO<em>7.0</em>454</td>
<td>None</td>
</tr>
<tr>
<td>Grand Junction</td>
<td>N/A</td>
<td>Patch PSO<em>7.0</em>454</td>
<td>None</td>
</tr>
</tbody>
</table>

#### 3.2.2 Hardware

Patch PSO*7.0*454 is being released to enhance VistA’s “Patient Prescription Processing [PSO LM BACKDOOR ORDERS]” menu (found within the VistA Pharmacy Outpatient Pharmacy package). The OneVA Pharmacy patch will allow the Pharmacist to query for and refill patient’s active and refillable (non-controlled substance) prescriptions from other VA Pharmacy VistA instances. It will be deployed to all VA Pharmacy VistA instances nationwide. It results in an insignificant increase to the VistA/Pharmacy file storage requirements. It does not require additional hardware capabilities other than what is currently used by a VistA installation at other sites.
3.2.3 Software
The OneVA Pharmacy VistA Patch PSO*7.0*454 has a dependency on patches PSO*7.0*444 and PSO*7*427.

3.2.4 Communications
Various communications about the OneVA Pharmacy initiative have taken place. They include:

- IOC site weekly conference call
- Integrated Project Team (IPT) & VA Stakeholder weekly conference call
- Clin 1 call- (Pharmacy Informaticists/ADPACs, Clinical Application Coordinators) Thursday 9/15/2016
- Pharmacy Chief’s call (VHA Pharmacy leadership) Call 10/5/2016
- Clin 1 call- (Pharmacy Informaticists/ADPACs, Clinical Application Coordinators) Thursday 10/20/2016
- Pharmacy Showcase (Pharmacists, Pharmacy Technicians, Clinical Application coordinators, Informaticists) Wednesday 10/26/2016
- VA Secretary Robert McDonald (who spoke about the capability at the Brookings Institution on June 20, 2016):
  “VA is making it easier for Veterans on the road, away from their regular VA hospital, to receive care or refill their prescription at another VA facility.”

3.2.4.1 Deployment/Installation/Back-Out Checklist
The OneVA Pharmacy Back-out instructions tested successfully during the OneVA Pharmacy Software Quality Assurance (SQA) testing. The following table lists the deployment and installation activities for National Rollout.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Day</th>
<th>Time</th>
<th>Individual who completed task</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Release Compliance: Installation to Test and Production in Off Position</td>
<td>11/30/16* - 12/15/16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region 1 Activations:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary Sites (2) *</td>
<td>12/05/16 – 12/06/16</td>
<td>Business Day</td>
<td>Region 1 VistA Support &amp; Pharm ADPAC</td>
</tr>
<tr>
<td>Remaining Sites</td>
<td>12/07/16* – 12/21/16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region 2 Activations:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary Sites (5) *</td>
<td>12/07/16 – 12/13/16</td>
<td>Business Day</td>
<td>Region 2 VistA Support &amp; Pharm ADPAC</td>
</tr>
<tr>
<td>Remaining Sites **</td>
<td>01/03/17 – 01/13/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activity</td>
<td>Day</td>
<td>Time</td>
<td>Individual who completed task</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>---------------------------</td>
<td>----------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Region 3 Activations:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary Sites (5) **</td>
<td>12/16/16 – 12/22/16</td>
<td>Business Day</td>
<td>Region 3 VistA Support &amp; Pharm ADPAC</td>
</tr>
<tr>
<td>Remaining Sites **</td>
<td>01/17/17 – 01/27/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Region 4 Activations:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Primary Sites (5) **</td>
<td>12/16/16 – 12/22/16</td>
<td>Business Day</td>
<td>Region 4 VistA Support &amp; Pharm ADPAC</td>
</tr>
<tr>
<td>Remaining Sites **</td>
<td>01/23/17 – 02/03/17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Start of site installations is dependent upon the receipt of the national change order approval.

*Note: Region 1 and Region 2 Primary sites are being requested to accelerate national release compliance in order to accommodate automated testing.

*Note: Region 1 remaining sites are being requested to accelerate national release compliance in order to begin activation immediately after automated testing of the primary sites.

**Note: If automated testing is progressing ahead of schedule, region 3 and 4 primary sites may be requested to accelerate the 11/15/16 national release compliance.

**Note: If regions are progressing ahead of schedule, subsequent regions may be requested to accelerate activation and smoke testing.

## 4 Installation

### 4.1 Pre-installation and System Requirements

The OneVA Pharmacy 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. This is a VistA Patch therefore no additional system requirements are necessary.

### 4.2 Platform Installation and Preparation

### 4.3 Download and Extract Files

The preferred method to obtain the OneVA Pharmacy Patch is to download the software by using File Transfer Protocol (FTP). The files are found on the following FTP site: ftp://download.vista.med.va.gov/. Sites may also elect to retrieve software directly from a specific server as follows:

OneVA Pharmacy documentation can be found on the VA Software Documentation Library at: http://www4.va.gov/vdl/.

4.4 Database Creation

Not applicable.

4.5 Installation Scripts

Not applicable

4.6 Cron Scripts

Not applicable.

4.7 Access Requirements and Skills Needed for the Installation

The OneVA Pharmacy Patch is an enhancement to the enhance VistA’s “Patient Prescription Processing [PSO LM BACKDOOR ORDERS]” menu (found within the VistA Pharmacy Outpatient Pharmacy package). It will be deployed to all VA Pharmacy VistA instances nationwide by those Regional and Local Field Offices currently responsible for all VistA installations and support.

4.8 Installation Procedure

The following are the OneVA Pharmacy Patch installation instructions to be followed by the IT support staff responsible for installing VistA Patches:

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 # PSO*7.0*454:
   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. The backup transport global will allow a rollback to the prior version of the routines released in this patch in the event a rollback is required.
   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. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//'.

6. When prompted 'Want KIDS to INHIBIT LOGONs during the install? NO//'

7. When prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES//'

8. When prompted for which Menu Options to disable, enter: 'PSO LM BACKDOOR ORDERS'.

9. If prompted 'Delay Install (Minutes): (0 - 60): 0//' respond 0.

### 4.9 Installation Verification Procedure

The OneVA Pharmacy Installation Verification Procedure will be made available by 10/24/2016 when the ePIP Deployment Plan is released. This section will be updated at this time.

### 4.10 System Configuration

The OneVA Pharmacy Flag activation switch is supplied in the configuration to allow sites to activate or deactivate the OneVA Pharmacy Patch.

⚠️ **DO NOT** turn on the OneVA Pharmacy Flag until directed to do so. Please know, OneVA Pharmacy will be rolled out Nationally in accordance to the schedule as outlined in ‘Deployment/Installation’ table of this document. The software will be released, deployed, and installed with the activation flag set to the “off” position. The Existing Product Intake Program (EPIP) Implementation Team will coordinate with the sites Pharmacy Automatic Data Processing Application Coordinator (ADPAC) on the specific date in which to activate the software.

To use OneVA Pharmacy, the ‘OneVA Pharmacy Flag’ needs to be turned on. The 'OneVA Pharmacy Flag' field (#3001) has been added to the Outpatient Site file (#59). This field will allow each division to toggle the OneVA Pharmacy logic ‘on’ or ‘off’ depending on current needs. The field can be changed by using File Manager and editing the ‘OneVA Pharmacy Flag’ field. The ‘OneVA Pharmacy Flag’ will be delivered to each division in the ‘off’ state. When this flag is in the ‘off’ state, the HDR/CDS Repository will not be queried for external prescriptions and other VistA instances will not be able to refill prescriptions that belong to the VistA instance with the flag set to the ‘off’ state. When in the ‘on’ state, all prescription queries and actions may be taken for remote queries, refills, and partial fills. In order to process prescriptions from another VistA instance, that instance will also need to have its ‘OneVA Pharmacy Flag’ set to the ‘on’ state.

OneVA Pharmacy will not execute if the patient has only one entry in the VistA Treating Facility List file (#391.91).
4.10.1 Host Site OneVA Pharmacy Flag Not Set On Message

If the ‘ONEVA PHARMACY FLAG (#3001)’ is not set to the ‘on’ state at the host site, the dispensing site will receive the following message:

_The OneVA Pharmacy flag is turned ‘OFF’ at this facility. Unable to process refill/partial fill requests. Queries will NOT be made to other VA Pharmacy locations._

4.10.2 Steps to Turn On ONEVA PHARMACY FLAG (#3001)

⚠️ **DO NOT** turn on the OneVA Pharmacy Flag until directed to do so. Please know OneVA Pharmacy will be rolled out nationally in accordance to the schedule as outlined in ‘Deployment/Installation’ table. The software will be released, deployed, and installed with the activation flag set to the “off” position. The Existing Product Intake Program (EPIP) Implementation Team will coordinate with the sites Pharmacy Automatic Data Processing Application Coordinator (ADPAC) on the specific date in which to activate the software.

To turn on the ‘ONEVA PHARMACY FLAG (#3001)’ for all the divisions, use the ‘VA FILEMAN [DIUSER]’ utility and perform the following steps.

Sign-in to the VistA system and select the menu option: VA FILEMAN [DIUSER].

**Figure 2: OneVA Pharmacy Flag: VA FileMan**

<table>
<thead>
<tr>
<th>FM</th>
<th>VA FileMan ...</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Manage Mailman ...</td>
</tr>
<tr>
<td></td>
<td>Menu Management ...</td>
</tr>
<tr>
<td></td>
<td>Programmer Options ...</td>
</tr>
<tr>
<td></td>
<td>Operations Management ...</td>
</tr>
<tr>
<td></td>
<td>Spool Management ...</td>
</tr>
<tr>
<td></td>
<td>Information Security Officer Menu ...</td>
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<td></td>
<td>Taskman Management ...</td>
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<tr>
<td></td>
<td>User Management ...</td>
</tr>
<tr>
<td>HL7</td>
<td>HL7 Main Menu ...</td>
</tr>
<tr>
<td>NTIS</td>
<td>VHS&amp;RA ADF Tracking System ...</td>
</tr>
<tr>
<td>VDEF</td>
<td>VDEF Configuration and Status ...</td>
</tr>
<tr>
<td></td>
<td>Application Utilities ...</td>
</tr>
<tr>
<td></td>
<td>Capacity Planning ...</td>
</tr>
</tbody>
</table>

Select Systems Manager Menu <TEST ACCOUNT> Option:

1. Enter <FM> and press <ENTER>.

**Figure 3: OneVA Pharmacy Flag: Enter FM Prompt**

Select Systems Manager Menu <TEST ACCOUNT> Option: FM

The system displays the option name and the prompt for the specific FileMan feature, as displayed in the following image.
2. Enter <EN> and press <ENTER>.

3. Enter <59> for the ‘OUTPATIENT SITE (#59)’ file and press <ENTER>.

4. Enter <3001> for the ‘ONEVA PHARMACY FLAG (#3001)’ field and press <ENTER>.
5. Press <ENTER>.

The system displays the option name and the prompt for the specific ‘OUTPATIENT SITE NAME’, as displayed in the following image.

**Figure 9: OneVA Pharmacy Flag: Select OUTPATIENT SITE NAME Prompt**

```
INPUT TO WHAT FILE: DRUG// 59 OUTPATIENT SITE (5 entries)
EDIT WHICH FIELD: ALL// 3001 ONEVA PHARMACY FLAG
THEN EDIT FIELD:

Select OUTPATIENT SITE NAME:
```

6. Enter the following command <^LOOP> and press <ENTER>.

**Figure 10: OneVA Pharmacy Flag: ^LOOP Command**

```
INPUT TO WHAT FILE: DRUG// 59 OUTPATIENT SITE (5 entries)
EDIT WHICH FIELD: ALL// 3001 ONEVA PHARMACY FLAG
THEN EDIT FIELD:

Select OUTPATIENT SITE NAME: ^LOOP
```

The system displays the option name and the prompt for the specific ‘EDIT ENTRIES BY: NAME//’, as displayed in the following image.

**Figure 11: OneVA Pharmacy Flag: Edit Entries by: NAME/// Prompt**

```
INPUT TO WHAT FILE: DRUG// 59 OUTPATIENT SITE (5 entries)
EDIT WHICH FIELD: ALL// 3001 ONEVA PHARMACY FLAG
THEN EDIT FIELD:

Select OUTPATIENT SITE NAME: ^LOOP
EDIT ENTRIES BY: NAME//
```

7. Press <ENTER>.

The system displays the option name and the prompt for the specific ‘START WITH NAME: FIRST///’, as displayed in the following image.

**Figure 12: OneVA Pharmacy Flag: Start with Name Prompt**

```
INPUT TO WHAT FILE: DRUG// 59 OUTPATIENT SITE (5 entries)
EDIT WHICH FIELD: ALL// 3001 ONEVA PHARMACY FLAG
THEN EDIT FIELD:

Select OUTPATIENT SITE NAME: ^LOOP
EDIT ENTRIES BY: NAME//
START WITH NAME: FIRST///
```

The ‘^LOOP’ command causes the system to display each division, one by one, allowing the user to set the ‘ON’ option for the ‘ONEVA PHARMACY FLAG’ for each division. After pressing the return key, the next division will display until the ‘LOOP ENDED!’ message displays.

8. Enter <ON> for each division press <ENTER> as displayed in the example for a test VistA instance in the following image.
4.11 Database Tuning

Not applicable.

5 Back-Out Procedure

Back-Out pertains to a return to the last known good operational state of the software and appropriate platform settings.

5.1 Back-Out Strategy

The Back-out and Rollback plan for VistA applications is complex and not able to be a “one size fits all.” The general strategy for VistA back-out and rollback is to repair the code with a follow-on patch. However, the backup of the transport global when created as part of the install will allow the routines to be converted to the prior patch state. For OneVA Pharmacy this is sufficient to restore the code to prior functionality.

The development team recommends that sites log a Remedy ticket if it is a nationally released patch; otherwise, the site should contact the product development team directly for specific solutions to their unique problems.

5.2 Back-Out Considerations

The OneVA Pharmacy software can be “turned-off” in lieu of restoring the software to its prior state. Refer to the ‘System Configuration’ section in this document for instructions.
5.2.1 Load Testing
Not applicable.

5.2.2 User Acceptance Testing
OneVA Pharmacy User Acceptance Testing (UFT) was completed with no Severity Level 1 or Level 2 defects.

5.3 Back-Out Criteria
- Failed smoke testing
- Non recoverable software error

5.4 Back-Out Risks
- None determined at this time.

5.5 Authority for Back-Out
- Chief of Pharmacy Benefits Management

5.6 Back-Out Procedure
Using the KIDS options, restore the software from the Backup Transport Global. However, in lieu of restoring the software, it is recommended to turn off the OneVA Pharmacy patch. A 'OneVA Pharmacy Flag' (field #3001) has been added to the Outpatient Site file (#59). This field will allow each division to toggle the OneVA Pharmacy logic 'on' or 'off' depending on current needs. The field can be changed by using File Manager and editing the 'OneVA Pharmacy Flag' field. The ‘OneVA Pharmacy Flag’ will be delivered to each division in the 'off' state. When this flag is in the 'off' state, the HDR/CDS Repository will not be queried for external prescriptions and other VistA instances will not be able to refill prescriptions that belong to the VistA instance with the flag set to the ‘off’ state. When in the 'on' state, all prescription queries and actions may be taken for remote queries, refills, and partials. In order to process prescriptions from another VistA instance, that instance will also need to have its ‘OneVA Pharmacy Flag’ set to the 'on' state.

Refer to the ‘System Configuration’ section in this document for instructions.

6 Rollback Procedure
The rollback procedures for this patch are the same as the back-out procedures.

6.1 Rollback Considerations
Refer to the Back-Out Procedure section of this document.

6.2 Rollback Criteria
Refer to the Back-Out Procedure section of this document.
6.3 Rollback Risks
The risks of performing a Rollback of the OneVA Pharmacy may require a downtime of Pharmacy > Outpatient Pharmacy Manager package/users.

6.4 Authority for Rollback
The Chief of Pharmacy Benefits Management must give the authority to Rollback the OneVA Pharmacy software.

6.5 Rollback Procedure
Refer to the Back-Out Procedure section of this document.