

# **Enrollment System Modernization (ESM) Phase 4**

## **Veterans Health Information Systems and Technology Architecture (VistA)**

### **Registration, Eligibility & Enrollment (REE)**

**DG\*5.3\*1065**

#### **Release Notes**



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**Department of Veterans Affairs (VA)**

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# 1 Introduction

The release of VistA REE patch DG\*5.3\*1065 supports the enhancements for the Enterprise Health Benefits Determination program. This patch focuses on updates for the ESM Phase 4 project, which supports Enrollment System Community Care and Enrollment System Sustainment.

## 2 Purpose

The Release Notes cover the changes to VistA REE for this release.

## 3 Audience

This document targets users and administrators of VistA REE and applies to the changes made between this release and any previous release for this software.

## 4 This Release

This software is being released as a patch (PackMan) message. The PackMan message includes the DG\*5.3\*1065 patch.

**IMPORTANT NOTE:** DG\*5.3\*1065 is an emergency patch. The national release date is November 3, with a one-day compliance period. All VistA sites must install this patch by close of business on Thursday, November 4.

The following sections provide a summary of the enhancements and modifications to the existing software for VistA REE with the release of patch DG\*5.3\*1065.

### 4.1 New Features and Functions Added

There are no new features or functions added to VistA REE for DG\*5.3\*1065.

### 4.2 Enhancements and Modifications

Patch DG\*5.3\*1065 fixes a security issue with the VistA REE Universal Addressing Module (UAM) Address Validation Service. The Application Programming Interface (API) Key sent on each request is now submitted in the message header and not in the query parameters.

**NOTE:** When running the ^XINDEX routine, sites will encounter an XINDEX Error after the installation of this patch. Routine DGUAMWS uses HealthVet Web Services Client (HWSC). It calls a Cache Class to parse the eXtensible Markup Language (XML) document returned by the web service call. The VA approved a Standards and Conventions Exemption (ID 20200806-01) on August 6, 2020.

The errors reported by XINDEX are:

```

DGUAMWS      * * 202 Lines, 11849 Bytes, Checksum: B111128641
              S DGHTTPREQ.SSLCheckServerIdentity = 0 ; Older versions of
              xobw.WebServer.cls don't set this value. Setting here to
              prevent Error #6156 during the POST below.
EN+24        W - Vendor specific code is restricted.
EN+24        F - Unrecognized argument in SET command.
EN+24        F - UNDEFINED COMMAND (rest of line not checked).
              D DGHTTPREQ.EntityBody.Write(DGJSON) ; places the entire json
              string into EntityBody
EN+28        W - Vendor specific code is restricted.
              F DGHEADER="Accept","ContentType" D
              DGHTTPREQ.SetHeader(DGHEADER,"application/json")
EN+29        W - Vendor specific code is restricted.
              D DGHTTPREQ.SetHeader("apiKey",DGKEY)
EN+33        W - Vendor specific code is restricted.
              S DGHTTPRESP=DGHTTPREQ.HttpResponse
EN+38        W - Vendor specific code is restricted.
              S DGDATA=DGHTTPRESP.Data.ReadLine() ; reads json string
              response from the data stream.
EN+39        W - Vendor specific code is restricted.
              Q DGSTAT_"^"_"$RSPMSG(DGHTTPRESP.StatusCode,.DGRESPMSG)
EN+47        W - Vendor specific code is restricted.
              N DGERRCODE S DGERRCODE=DGRESPERR.code
ERRRSPMSG+4  W - Vendor specific code is restricted.

```

### 4.3 Defects and Fixes

Table 1 lists the defects and fixes and corresponding Jira identification numbers included in DG\*5.3\*1065.

**Table 1: Defects and Fixes in DG\*5.3\*1065**

Jira ID	Summary
VES-17652	<p><b>Defect:</b> Some submissions are passing API Keys in the query parameters. This is a security risk because it can potentially expose personal information in Lighthouse databases.</p> <p><b>Fix:</b> With patch DG*5.3*1065, the API Key sent on each request is now submitted in the message header and not in the query parameters.</p>

## List of Updates

This patch makes the following enhancements to VistA REE:

1. A new entry DG UAM API KEY is added to the PARAMETER DEFINITION file (#8989.51).

NUMBER: 1053	NAME: DG UAM API KEY
DISPLAY TEXT: UAM Address Validation Service API Key	
MULTIPLE VALUED: No	PROHIBIT EDITING: No
VALUE DATA TYPE: free text	
VALUE HELP: Enter the API Key for the UAM Address Validation Service.	
DESCRIPTION:	
The API Key is sent on the message header for the UAM Address Validation Service. Without a valid key, the request is rejected.	
PRECEDENCE: 1	ENTITY FILE: PACKAGE

2. The post-install routine, POST^DG531065P, performs the following actions:
  - a. Determines the appropriate API Key based on the VA site region.
  - b. Stores the API Key in the DG UAM API KEY parameter instance in the PARAMETERS file (#8989.5).
  - c. Modifies HWSC web service file entries DG UAM AV CANDIDATE and DG UAM AV VALIDATE to remove the API Key query parameter from the Context Root field.
3. Routine DGUAMWS, which invokes the UAM Address Validation Service, is modified to retrieve the API Key from the DG UAM API KEY parameter instance in the PARAMETERS file (#8989.5) and place the key in the message header.

## 4.4 Known Issues

No known or open issues were identified in this release.

## 4.5 Product Documentation

The following documents apply to this release:

<u>Documentation Title</u>	<u>File Name</u>
DG*5.3*1065 Release Notes	DG_5_3_1065_RN.PDF
PIMS Version 5.3 Technical Manual	PIMS_TM.PDF

Documentation can be found on the VA Software Documentation Library (VDL) at:

<http://www.va.gov/vdl/>.