# Enterprise Health Management Platform (eHMP)

**Release Notes for Release Version 1.2.18**



# Department of Veterans Affairs

## December 2016

**Version 1.0**

## Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 12/08/2016 | 1.0 | Update to document eHMP v1.2.18 | Accenture Federal Services |

**Deliverable (Product) Version History**

(Note: Yellow highlights components that changed)

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| **Revision** | **Release Description** | **Date** | **eHMP User Interface (UI)** | **Health Management Platform (HMP) Patch** | **Pre-Requisite Patches** |
| 1.2.18 | eHMP UI 1.2.7 | 16-Dec-16 | eHMP UI 1.2.7 1.2.rc30.88819 | HMP\*2.0\*2 | HMP\*2.0\*1(HMP\_MULTIBUILD\_2-0\_P02\_T3.KID) PSS\*1.0\*197DG\*5.3\*921 GMRV\*5.0\*32 OR\*3.0\*421 PSB\*3.0\*95MC\*2.3\*47 |
| 1.2.17 | HMP\*2.0\*2 | 19-Dec-16 | eHMP UI 1.2.6 1.2.rc26.79841 | HMP\*2.0\*2 | HMP\*2.0\*1(HMP\_MULTIBUILD\_2-0\_P02\_T3.KID) PSS\*1.0\*197DG\*5.3\*921GMRV\*5.0\*32 OR\*3.0\*421 PSB\*3.0\*95 MC\*2.3\*47 |
| 1.2.16 | HMP\*2.0\*6 | 27-Oct-16 | eHMP UI 1.2.61.2.rc26.79841 | HMP 2.0\*6 | HMP\*2.0\*1 |

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| **Revision** | **Release Description** | **Date** | **eHMP User Interface (UI)** | **Health Management Platform (HMP) Patch** | **Pre-Requisite Patches** |
| 1.2.15 | eHMP UI 1.2.6 | 26-Oct-16 | eHMP UI 1.2.6 1.2.rc26.79841 | HMP 2.0\*1 | HMP\*2.0 (HMP\_2-0\_20160223-02.KID) PSB\*3.0\*94 (PSB3\_0P94T6.KID)PRB 2.9 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-9.KID) |
| 1.2.14 | eHMP UI 1.2.5 | 1-Aug-16 | eHMP UI 1.2.5 1.2.5.77365 | HMP 2.0\*1 | HMP\*2.0 (HMP\_2-0\_20160223-02.KID) PSB\*3.0\*94 (PSB3\_0P94T6.KID)PRB 2.9 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-9.KID) |
| 1.2.13 | HMP\*2.0\*1 | 25-Jul-16 | eHMP UI 1.2.41.2.4.70681 | HMP 2.0\*1 | HMP\*2.0 (HMP\_2-0\_20160223-02.KID) PSB\*3.0\*94 (PSB3\_0P94T6.KID)PRB 2.9 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-9.KID) |
| 1.2.12 | PSB\*3.0\*94 | 10-May-16 | eHMP UI 1.2.41.2.4.70681 | HMP\*2.0 v6.1.7(HMP\_2-0\_20160223- 02.KID) | PSB\*3.0\*94 (PSB3\_0P94T6.KID)PRB 2.9 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-9.KID) |
| 1.2.11 | eHMP UI 1.2.4 | 06-Apr-16 | eHMP UI 1.2.4 1.2.4.70681 | HMP\*2.0 v6.1.7(HMP\_2-0\_20160223- 02.KID) | PRB 2.9 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-9.KID) |
| 1.2.10 | eHMP UI 1.2.3 | 17-Mar-16 | eHMP UI 1.2.3 1.2.3.64914 | HMP\*2.0 v6.1.7(HMP\_2-0\_20160223- 02.KID) | PRB 2.9 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-9.KID) |
| 1.2.9 | HMP\*2.0 PRB 2.9 | 04-Mar-16 | eHMP UI 1.2.21.2.2.49391 | HMP\*2.0 v6.1.7(HMP\_2-0\_20160223- 02.KID) | PRB 2.9 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-9.KID) (GMRC\*3.0\*80MD\*1.0\*38 PSB\*3.0\*79 OR\*3.0\*390 TIU\*1.0\*106 TIU\*1.0\*298USR\*1.0\*37) |

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| **Revision** | **Release Description** | **Date** | **eHMP User Interface (UI)** | **Health Management Platform (HMP) Patch** | **Pre-Requisite Patches** |
| 1.2.8 | HMP\*2.0 | 17-Feb-16 | eHMP UI 1.2.21.2.2.49391 | HMP\*2.0 v6.1.6(HMP\_2-0\_20160217- 01.KID) | PRB 2.8 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-8.KID) |
| 1.2.7 | HMP\*2.0 | 11-Feb-16 | eHMP UI 1.2.21.2.2.49391 | HMP\*2.0 v6.1.5(HMP\_2-0\_20160201- 02.KID) | PRB 2.8 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-8.KID) |
| 1.2.6 | HMP\*2.0 | 27-Jan-16 | eHMP UI 1.2.21.2.2.49391 | HMP\*2.0 v6.1.4(HMP\_2-0\_20160122- 01.KID) | PRB 2.8 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-8.KID) |
| 1.2.5 | PRB 2.8 | 09-Jan-16 | eHMP UI 1.2.21.2.2.49391 | HMP\*2.0 v6.1.3(HMP\_2-0\_20151030- 01.KID) | PRB 2.8(HMP\_PREREQ\_BUNDLE\_2-0\_V2-8.KID) (GMRC\*3.0\*80MD\*1.0\*38 PSB\*3.0\*79 OR\*3.0\*390 TIU\*1.0\*106 TIU\*1.0\*298USR\*1.0\*37) |
| 1.2.4 | HMP\*2.0 | 30-Dec-15 | eHMP UI 1.2.21.2.2.49391 | HMP\*2.0 v6.1.3(HMP\_2-0\_20151030- 01.KID) | PRB 2.4 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-4.KID) |
| 1.2.3 | eHMP UI 1.2.2 | 17-Nov-15 | eHMP UI 1.2.2 1.2.2.49391 | HMP\*2.0 v6.1.2.J(HMP\_2-0\_20150910- 04.KID) | PRB 2.4 (HMP\_PREREQ\_BUNDLE\_2-0\_V2-4.KID) |

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| **Revision** | **Release Description** | **Date** | **eHMP User Interface (UI)** | **Health Management Platform (HMP) Patch** | **Pre-Requisite Patches** |
| 1.2.2 | eHMP UI 1.2.1 HMP\*2.0PRB 2.4 | 14-Oct-15 | eHMP UI 1.2.1 1.2.1.47792 | HMP\*2.0 v6.1.2.J(HMP\_2-0\_20150910- 04.KID) | PRB 2.4(HMP\_PREREQ\_BUNDLE\_2-0\_V2-4.KID) (GMRC\*3.0\*80MD\*1.0\*38 PSB\*3.0\*79 OR\*3.0\*390 TIU\*1.0\*106 TIU\*1.0\*298USR\*1.0\*37) |
| 1.2.1 | HMP\*2.0 | 22-Aug-15 | N/A | HMP\*2.0 v6.1 | N/A |

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# Introduction

The Enterprise Health Management Platform (eHMP) project is a multi-year effort to evolve a modern, service-oriented platform which provides a web-based user interface (UI), clinical data services, and assembles patient clinical data from federated Veterans Health Information Systems and Technology Architecture (VistA) repositories, Department of Defense (DoD), and private partner data sources, reflective of each location providing care to the patient. This federated data is aggregated into an enterprise patient record. eHMP service components will span all application layers, including presentation, business and core services, and data access.

Release 1.2 introduces critical viewer edition enhancements to provide new capabilities to the VA beyond what is available today via CPRS, Joint Legacy Viewer (JLV), and VistAWeb. The system provides enhanced presentations of clinical data that range from trend views that provide a quick snapshot of easily understandable data, to detailed views that provide the user with a full range of options for examining longitudinal patient medical records. Users are able to configure these views into a limitless number of custom workspaces in order to support a variety of clinical workflows. There are multiple pre-configured workspaces available to the user, which are filtered for specific conditions. The workspaces provide the appropriate clinical information for a selected condition (e.g., COPD, Diabetes). Further enhancements included adding the Military History applet, improved text search across the entire patient record, and more extensive online help utilizing an expanded User Guide.

## Purpose

These release notes pull together the approved Change Requests (CRs), feature and/or user story updates, and closed and known defects associated with a release.

This version of the release notes covers the release of eHMP Version 1.2.18 that incorporates the release of eHMP UI 1.2.7.

## Scope

These release notes associated with eHMP Release Version 1.2.18 are the first notes for this release.

# Release Method

Release execution is dependent upon the type of code released. These consolidated release notes will cover both VistA (Kernel Installation and Distribution System (KIDS)) and eHMP UI (web- based) releases, as both comprise the totality of eHMP as an application. Releases will occur first in Pre-production/Test accounts and then in Production.

The rollout strategy for both types of code depends upon the complexity of the release. Complex releases will be executed as a controlled release by wave, while more routine releases will be executed simultaneously nation-wide, following the standard national patch release process.

VistA releases will occur via FORUM and eHMP UI releases will be executed by the Release Team installing eHMP code into the Austin Information Technology Center (AITC) accounts. Following successful deployment to AITC, the Release Team will install the same version into the Philadelphia Information Technology Center (PITC) Production account for a warm-based failover contingency.

# Installation Requirements

## Prerequisites for Installation

A prerequisite for installation is that sites are up to date, meaning, that previously nationally released patches have been installed.

## Needed DLLs

Not applicable to eHMP.

## M Triggers

Appendix 1 lists a description of triggers/events that impact eHMP.

## Files

Appendix 2 provides a list of new/modified VA FileMan files that are exported with eHMP KIDS patches.

## Approved Integration Control Registrations

Appendix 3 provides the eHMP Integration Control Registrations (ICRs).

## New Parameters

Appendix 4 provides a list of new parameters for eHMP VistA, exported using the Kernel Parameters File. There are no new parameters for the eHMP UI.

## Operational Data Sync and Patient Data Sync

In the current eHMP system, all operational data from the primary VistA site must be complete before any patient sync can occur. The approach for handling operational data in VistA

Exchange Synchronization (VX-Sync), however, must eliminate blocking where possible, avoid bottlenecks, and contribute to the overall scalability of the system.

**Implementation Strategy for VX-Sync**

Operational Data Subscription Handler - The purpose of the Operational Data Subscription Handler is simply to initiate the operational data sync. It will accept an operational subscription job which contains a list of sites to subscribe for operational data. For each site in the given list, it will send out the appropriate remote procedure call (RPC) so that the site will begin staging and sending operational data.

Integration of metastamps - Metastamps will be applied to operational data up to the "source" layer so that the system can keep track of the progress of the initial operational data sync per site. An operational data metastamp is used to ensure that all the operational data from a site is received during the initial sync with that site. Operational data does not have a last edit time to be used for the metastamp. Therefore, the operational data metastamp will be produced using the request time instead, similar to secondary site data.

Operational data pathway (Store Operational Data Handler and additions to VistA Site Data Poller) - Data sent by the VistA systems will be received by the VistA Site Data Pollers. The Data Pollers will receive both operational and patient data from the primary sources; however, it is not appropriate for operational data to be sent to the Record Enrichment Handler. Therefore, the VistA-Record-Processor determines which type of data it receives and subsequently send that data on the appropriate pathway. If the handler receives operational data, it will send it to a Store Operational Data Handler. The Store Operational Data Handler will send the operational data to JSON Data Store (JDS) to be stored in the appropriate section of JDS.

Determining when a site is ready to sync patients - The Sync Rules Engine includes rules to make sure that a primary site is not synchronized until its operational data has been successfully loaded.

# Known Issues

## Known Patient Safety Issues

There are no registered patient safety issues addressed in this version of eHMP.

## Other Known Issues

At the time of this writing, all known issues are listed in Table 4-1.

**Table 4-1 Other Known Issues**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE2248 | Slow interaction Performance on the CBW workspace | Critical | 9/2/2015 |  |
| DE2566 | IV&V\_User Defined Applet Filters - Drug Class Search works in Medications Review but does not work in Active Meds applet | Medium | 9/28/2015 |  |
| DE2567 | IV&V\_User Defined Applet Filter - Filter for Active and Recent Medications does not carry over to the expanded view 'Medications Review' | Medium | 9/28/2015 |  |
| DE2957 | Numeric Lab Results: Dates in graphs overlap in detail view | Low | 10/27/2015 |  |
| DE3824 | Pre-Prod\_Workspace 'Author' Field is Not Displaying Correctly | Low | 2/19/2016 |  |
| DE3851 | RDK: Change artifact from zip to tar | Low | 2/22/2016 |  |
| DE4024 | Allergy and Orders applet summary detail view not working | Low | 3/7/2016 |  |
| DE4130 | Depression/Hypertension/Pre-Procedure CBWs - Numeric Lab Results applet: ""Count"" listed twice in filter container | Cosmetic | 3/16/2016 |  |
| DE4170 | Workspace Editor: ""Select A View"" pop-up gets partially obscured by other applets | Low | 3/22/2016 |  |

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| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE4360 | VA-320 - Stacked Graphs has missing headers and one missing column | Low | 4/7/2016 |  |
| DE4361 | VA-320 - An increase in the number of lab results that are not graphed in Stacked Graphs | Medium | 4/7/2016 |  |
| DE4630 | GDT: After selecting dates, cannot select enter to exit date fields | Low | 4/29/2016 |  |
| DE5242 | VA-385 - An error has interrupted the patient synchronization process | Critical | 6/10/2016 |  |
| DE5319 | 1.2 Cosmetic: Kodak: Scroll bar is displaying in "" Audiology"" quick look and unable to scroll to view the facility which is being cut off. | Cosmetic | 6/15/2016 |  |
| DE5360 | VA-421 'F281 Inpatient Immunizations Applet - Not able to ADD filter' | Low | 6/17/2016 |  |
| DE5375 | Vitals (Trend/Expanded/Maximized views): Only most recent BMI calculation is displayed when multiple height and/or weight entries are entered in the same day | Low | 6/20/2016 |  |
| DE5376 | 1.2 - Cosmetic: ETS\_Patient Flag is Missing Scroll Bar | Medium | 6/20/2016 | eHMP 1.2.x RC31 |
| DE5409 | VA-382 - Meds Review data integrity issue (New Test Data Defect) | Medium | 6/22/2016 |  |
| DE5414 | Allergies Detail View Next and Previous buttons don't work | Low | 6/22/2016 |  |
| DE5450 | VA-436 - Unable to get property appletId error | High | 6/24/2016 |  |
| DE5451 | GDF (Timelime Summary) is not displaying the last Date/Events in the timeline when loaded with (ALL-Range)Data | Cosmetic | 6/24/2016 |  |
| DE5465 | 1.2 - Cosmetic: Demographics and Primary Care header: arrow pointing in wrong direction | Low | 6/27/2016 |  |
| DE5632 | Vitals Applet: Trend View data does not match after switching to expanded view and back to trend view | Medium | 7/11/2016 |  |

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| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE5716 | ETS: Quick Look tool- tip window displays if there is no dot within the orange diamond. | Medium | 7/14/2016 |  |
| DE5718 | 1.2 No double arrows on the horizontal bar for CBWs | Cosmetic | 7/14/2016 |  |
| DE5720 | 1.2 No scroll bar on flags on a patients record | Low | 7/14/2016 |  |
| DE5724 | Diabetes Mellitus renders slow in VA Performance environment | Medium | 7/15/2016 |  |
| DE5725 | Meds Review renders slow in VA Performance environment | Medium | 7/15/2016 |  |
| DE5816 | Production - Patient will not sync | High | 7/20/2016 |  |
| DE5882 | Patient Search Logs Missing Demographics As An Error | Medium | 7/22/2016 |  |
| DE5883 | Numeric Lab Results: Lab Results are overlapping. | Cosmetic | 7/22/2016 |  |
| DE5947 | VA-435 Patient demographics errors | Low | 7/25/2016 |  |
| DE5970 | Search box results are not aligned | Low | 7/26/2016 |  |
| DE6043 | Problems Applet- Quick look display Last Updated Value instead of Onset Date | Low | 7/29/2016 |  |
| DE6045 | Stack Graphs: Unable to open details of medications. | Medium | 7/29/2016 |  |
| DE6110 | R 1.2: Console error: View Type: 'undefined' is not available for the undefined applet. | Low | 8/2/2016 |  |
| DE6148 | Need to validate logged in site when changing patient context | High | 8/3/2016 |  |
| DE6161 | User Log In - Performance Issue | High | 8/4/2016 |  |
| DE6171 | Depression workspace from dropdown menu - Performance Issue | Medium | 8/4/2016 |  |
| DE6175 | Hypertension workspace drop down menu - Performance Issue | Medium | 8/4/2016 |  |

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| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE6196 | VA-490 - Inaccurate Filter Results on Documents Applet | Low | 8/5/2016 |  |
| DE6212 | Lab Results - GTDF - Issue | High | 8/5/2016 |  |
| DE6213 | Access eHmp home page - Issue | High | 8/5/2016 |  |
| DE6238 | R10047049FY16 - Slow link between CPRS and eHMP (CCOW) | Medium | 8/8/2016 |  |
| DE6250 | 1.2 Orders applet- Bottom scroll arrow is missing from Expanded view. | Medium | 8/8/2016 |  |
| DE6270 | VA-494 New Workspace has Problems applets in it | Low | 8/9/2016 |  |
| DE6286 | VA - 497 - Patients coming up for confirmation without being selected | High | 8/10/2016 |  |
| DE6287 | 1.2 Appointments&Visits applet: Bottom scroll arrow is missing from applet. | Low | 8/10/2016 |  |
| DE6290 | VA-492 Status Error - 500 received when searching wards | Medium | 8/10/2016 |  |
| DE6294 | VA -493 - Things that are not outpatient meds are showing up in the outpatient meds section of Meds Review applet | Medium | 8/10/2016 |  |
| DE6341 | Allergies applet : Next and Previous buttons always take user to first and last records in the applet when first clicked | Medium | 8/14/2016 |  |
| DE6345 | 1.2 - Functionality: Narrative Lab Results Applet: Type Column is Not Sorting | Low | 8/15/2016 |  |
| DE6347 | Ensure PID VistA Site Matches User's Authenticated VistA Site | Medium | 8/15/2016 |  |
| DE6463 | Production\_Photo not showing in eHMP | Medium | 8/22/2016 |  |
| DE6470 | (Copy of) Numeric Lab Results: Details form icon for a lab test in a panel grouping does not work after the applet view is changed | Low | 8/22/2016 |  |

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| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE6477 | I9986543FY16 - User cannot log into eHMP at Madison to perform smoke testing | High | 8/22/2016 |  |
| DE6496 | Update 1.2 user guide to latest version | Low | 8/23/2016 |  |
| DE6527 | Clear Object Test | Medium | 8/24/2016 |  |
| DE6528 | Nationwide Search Failure, Portland | High | 8/24/2016 |  |
| DE6530 | Global Date Timeline Filter (Meds Review) | Medium | 8/24/2016 |  |
| DE6553 | 1.2 VA-503 - The ""PDF Version"" button is missing | Medium | 8/25/2016 | eHMP 1.2.x RC31 |
| DE6584 | CPRS - 'Library Not Registered' error message | Medium | 8/26/2016 |  |
| DE6597 | Navigation to eHMP Production splash screen exceeds 5 seconds | Low | 8/29/2016 |  |
| DE6631 | VA-502 CCOW - Patient Context After Logging Back On | Medium | 8/31/2016 |  |
| DE6654 | Associated conditions for some Problems are not working | Medium | 9/1/2016 |  |
| DE6657 | Clinics list performance issues | Medium | 9/1/2016 |  |
| DE6658 | Ward List performance issues | Medium | 9/1/2016 |  |
| DE6680 | Prod\_Loma Linda\_Medications are not displayed when maximizing the A&R applet for patient with large amount of Meds (2000+) | High | 9/2/2016 |  |
| DE6727 | 1.2-Workspace manager-Tooltip for default workspace does not display | Low | 9/6/2016 |  |
| DE6741 | Documents applet (Pre-Prod): applet doesn't load if a large amount of document records should be returned | High | 9/7/2016 |  |
| DE6745 | Documents: ""Added Comment"" Activity created within CPRS Missing within eHMP Consult Detail View | High | 9/7/2016 |  |

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| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE6767 | Numeric Lab Results Applet: Graph in the numeric lab results applet is cut off on the far right. | Low | 9/8/2016 |  |
| DE6795 | 1.2 Orders Applet not filtering by GDF at the coversheet workspace | Medium | 9/9/2016 |  |
| DE6831 | (VA Reported Issue) PreProd: Search Record Inconsistencies | High | 9/12/2016 |  |
| DE6833 | Record Search displays negative number when changing the date filter | Medium | 9/12/2016 |  |
| DE6869 | VA-515 Empty Data Source Modal in eHMP | High | 9/14/2016 | eHMP 1.2.x RC31 |
| DE6881 | New JDS index for CWAD filter (performance) | Medium | 9/14/2016 |  |
| DE6889 | User Metrics Visuals Successful Unique User Logins AND Successful Total Unique User Logins DO NOT Agree | Medium | 9/15/2016 |  |
| DE6896 | Encounters quick look will not close | Medium | 9/15/2016 |  |
| DE6911 | Sync status incomplete on footer after loadForced call | High | 9/15/2016 |  |
| DE6927 | CWADF Postings: Hover Over Text Lingers Even Though Mouse is Moved Over a Different Posting Category | Cosmetic | 9/16/2016 |  |
| DE6933 | Search Record: Search on ""em"" Returns Numeric Lab Results that Were Identified as Matches Based on ""<em>"" HTML tags</em> | Medium | 9/16/2016 |  |
| DE6942 | VA-514 Not all Progress Notes display within eHMP | High | 9/19/2016 | eHMP 1.2.x RC31 |
| DE6960 | Res-server logs need to contain records counts | High | 9/20/2016 |  |
| DE6969 | VA-512 Search results do not display the name of inactive consults | High | 9/20/2016 |  |
| DE6971 | (1.2) Military History entries do not preserve the way the user enters in data | Medium | 9/21/2016 | eHMP 1.2.x RC31 |

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| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE6975 | I10568329FY16 - MAXSTRING error STRING+6^HMPD in Minneapolis | Medium | 9/21/2016 |  |
| DE6979 | Remove VistA-specific fields from basis demographics | Medium | 9/21/2016 |  |
| DE6982 | 1.2 DIT Meds Review: Incorrect ""Stop Date/Time"" for infusion order | High | 9/21/2016 | eHMP 1.2.x RC31 |
| DE6985 | (1.2) UDW - User can create new user defined workspace without any name | Medium | 9/22/2016 | eHMP 1.2.x RC31 |
| DE6986 | Update deployment to write large documents directly to NFS file share | Medium | 9/22/2016 |  |
| DE6988 | Global VPRJSES empty causes XpoLog User Session to not work | High | 9/22/2016 |  |
| DE6990 | TIMELINE : Filters on Timeline Applet does not give all the data (1.2) | Medium | 9/22/2016 | eHMP 1.2.x RC31 |
| DE7009 | CWAD Display/Format not retained from CPRS - I10765623FY16 | Medium | 9/27/2016 |  |
| DE7019 | Active & Recent Medications Applet: Unable to Filter Status and Facility columns | High | 9/28/2016 | eHMP 1.2.x RC31 |
| DE7026 | 1.2 Pre-Prod: Can't Add Graphs to Stacked Graphs Applet in UDW | High | 9/28/2016 |  |
| DE7027 | Pre-Prod Record Search: first search appears to time out (no results found), second search of same term yields results | High | 9/29/2016 |  |
| DE7028 | Record Search: Row Disappears After Expansion | High | 9/29/2016 |  |
| DE7029 | Record Search: Results in Rows Increase After Expanding | High | 9/29/2016 |  |
| DE7032 | Details view in Orders Applet has a grid for Blood Bank Orders | Cosmetic | 9/29/2016 |  |
| DE7033 | The Sorting option doesn’t work in Narrative Lab results | Medium | 9/29/2016 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE7036 | Problems: Quicklook View Within Tile Displays Incorrect Facility Code for New Problems | Medium | 9/30/2016 |  |
| DE7038 | VA-520/521 - Fillable value and Refills remaining incorrect for Active and Recent Meds Applet | High | 9/30/2016 | eHMP 1.2.x RC31 |
| DE7039 | Pre Prod\_ Unable to Sync a new patient | Critical | 9/30/2016 | eHMP 1.2.x RC31 |
| DE7042 | Military History Pre-Prod: ""Location"" and ""Modified By"" fields are not being populated | Medium | 9/30/2016 |  |
| DE7053 | 1.2 User guide needs updated | Medium | 10/4/2016 |  |
| DE7059 | VA 525-Update the online help for Vitals Trend View | Medium | 10/5/2016 |  |
| DE7060 | 1.2 GDF ""From"" Calendar not Applying after GDF set to ALL | Medium | 10/6/2016 |  |
| DE7061 | Patient selection page disappears | Low | 10/6/2016 |  |
| DE7062 | Active and recent medications filter is not persisting after maximizing | Medium | 10/6/2016 |  |
| DE7074 | JDS becomes unresponsive once 130 TPS is reached | Medium | 10/11/2016 |  |
| DE7075 | Problems Applet Detail View: ICD 10 is missing in eHMP 1.2 | Low | 10/11/2016 |  |
| DE7081 | Duplicate VLER Documents | Critical | 10/12/2016 |  |
| DE7082 | VA-526 Strange Text in the authoring institution field in Community Health Summaries | Low | 10/12/2016 |  |
| DE7083 | Vitals (Expanded View): Graph and table are not loading in the Details View | Medium | 10/12/2016 |  |
| DE7084 | VA-526 Date not showing for documents in Community Health Summaries | Medium | 10/12/2016 |  |
| DE7089 | VA 531- eHMP does not respond to CCOW changes for non-local patients | High | 10/13/2016 |  |
| DE7093 | Text results of ""canc"" or ""comment"" are being shown in the trend view of Numeric Lab Results but cannot be graphed. | Medium | 10/14/2016 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE7094 | Load Balancer Spikes under Low concurrent logon numbers | Critical | 10/14/2016 | eHMP 1.2.x RC31 |
| DE7095 | Microbiology Reports (1.2 IT): details reflected in CPRS are not reflected in eHMP | High | 10/16/2016 |  |
| DE7098 | VA-532 - Record Search does not include Community Health Summaries | High | 10/17/2016 |  |
| DE7103 | Insufficient Number of JMeadows and VLER VX-Sync Handlers in Production | Medium | 10/19/2016 |  |
| DE7105 | Add site name to audit log | High | 10/19/2016 | eHMP 1.2.x RC31 |
| DE7108 | VA 538 - ehmp data sent to CCOW vault is causing errors in JLV | High | 10/19/2016 |  |
| DE7112 | STX Production - Record Enrichment Handler stuck on overallStop error | High | 10/21/2016 |  |
| DE7117 | VA 545 - Ward/Clinic Lists variance between CPRS and eHMP | High | 10/25/2016 |  |
| DE7120 | VA 537 - Inactive/Out of service Clinics | Medium | 10/26/2016 |  |
| DE7122 | VA 523 - 2 sync status calls every 5 seconds; status and data-status | Medium | 10/26/2016 |  |
| DE7126 | Session ID Missing from Load Balancer Logs for 1.2 | High | 10/27/2016 | eHMP 1.2.x RC31 |
| DE7140 | 1.2 RDK Metrics Defect impacting Reporting Dashboards | High | 11/1/2016 |  |
| DE7142 | Automated Deployment - Extract of Zipped Artifacts Skipped | High | 11/2/2016 |  |
| DE7144 | User Sessions not expiring correctly | Critical | 11/2/2016 |  |
| DE7145 | VA-551 Wrong Case and Acronyms in Meds review and Detailed View | Low | 11/2/2016 |  |
| DE7146 | UAT - 1.3 - CSS font permission errors in console | Cosmetic | 11/3/2016 |  |
| DE7148 | VA-553 Column in Active and Recent Medications Applet too narrow to display ""Discontinued"" | Low | 11/3/2016 |  |

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| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE7151 | Production vxsync\_client deployed default number of handlers | High | 11/3/2016 |  |
| DE7152 | Load Balancer server-status open for CA APM | Medium | 11/3/2016 |  |
| DE7153 | 1.2 Vitals applet: Blood Pressure/Height issues when switching from summary/expanded view to trend view | High | 11/3/2016 |  |
| DE7154 | Error when viewing patient emergency contact info | High | 11/4/2016 |  |
| DE7155 | Critical Path: TextSearchReady performance result times are not meeting goal times | High | 11/4/2016 |  |
| DE7163 | VA 552 - Active & Recent meds summary view help button | Low | 11/7/2016 |  |
| DE7167 | pJDS and JDS cache password never expires | Medium | 11/8/2016 |  |
| DE7169 | Pre Prod - UDW Applying a filter to an applet with a duplicate applet will filter both applets | High | 11/8/2016 |  |
| DE7170 | Pre Prod - Maximizing filtered applet with ""\*\*\*"" filter will result of Maximize view stuck on loading state | Low | 11/8/2016 |  |
| DE7172 | RDK: Uncaught exception | Low | 11/8/2016 | eHMP 1.2.x RC31 |
| DE7173 | VA 556 - PN/Documents should show the /es/ of clinicians | High | 11/9/2016 |  |
| DE7184 | RDK Health Check for MVI and Related Search Endpoints Fails in r1.2 | Medium | 11/14/2016 |  |
| DE7186 | Log formatting for Apache Web UI must be adjusted to support performance auditing | Medium | 11/14/2016 |  |
| DE7188 | Pre-Prod : Missing Facility Manchester(608) | High | 11/14/2016 |  |
| DE7203 | Apache Load balancer daily log rotate | Medium | 11/17/2016 |  |
| DE7205 | VA 559 - Patient flag duplicating when patient is registered in a different time zone. | Medium | 11/17/2016 |  |

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| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Planned Release** |
| DE7210 | VA-568 Internal Server Errors ""patient was not unsynced"" | Medium | 11/18/2016 |  |
| DE7212 | VA-563 Internal Server errors on patient selection in STX Preprod | Critical | 11/18/2016 |  |
| DE7215 | Resource Development Kit (RDK) - Encrypted Communication | High | 11/21/2016 |  |
| DE7219 | VA-564 - ACCs are unable to determine the correct user to provision when multiple common names are found | High | 11/22/2016 |  |
| DE7222 | VA-570 Patient Unsynchronization Interruption | Critical | 11/22/2016 |  |
| DE7224 | TRM: RDK libraries need to be locked to the latest compliant version | Medium | 11/23/2016 | eHMP 1.2.x RC31 |
| DE7226 | VA-567 : Active and Recent Meds applet displaying old completed medications | Medium | 11/23/2016 |  |
| DE7244 | ETS\_RC30\_UI Performance has degraded from RC26 | High | 11/30/2016 |  |
| DE7246 | Birthdates without month or days will result in invalid calculations | Medium | 11/30/2016 |  |

# Included New Functionality and Defect Fixes

## Included User Stories

No user stories were implemented in eHMP Release 1.2.18.

## Fixed Defects

Defects specifically resolved in eHMP Release 1.2.18 are listed in Table 5-1.

**Table 5-1 Fixed Defects**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Test Method / Test Case Identifier** |
| DE3826 | Numeric Lab Results- quick menu and details view works intermittently when switching between maximized and minimized views | Medium | 2/19/2016 |  |
| DE4023 | Discontinued Medications do not display correct value within the applets | Medium | 3/7/2016 |  |
| DE4173 | Reports- Note text in reports is missing from the report in eHMP | Critical | 3/22/2016 |  |
| DE5298 | Text Search Not Returning Results | High | 6/14/2016 |  |
| DE5316 | Creating an Infusion Order prevents Active & Recent Applet Meds from loading in 1.2 DIT | High | 6/15/2016 |  |
| DE5440 | Military applet is missing the help icon in both environments 1.2 DIT and Combo | Medium | 6/24/2016 |  |
| DE5717 | Med Review filter doesn’t persist in a CBW after maximizing | Medium | 7/14/2016 |  |
| DE5854 | Possible memory leak or garbage collection issue detected during endurance stress test against single RDK VM | High | 7/21/2016 |  |
| DE5880 | SNOMED CT external site unreachable in VA environments | Medium | 7/22/2016 |  |
| DE5917 | RDK r1.2 logs sensitive information at info level for suggestSearch | High | 7/22/2016 |  |
| DE5932 | CCOW- Context link to vault server not set in eHMP | Medium | 7/24/2016 |  |
| DE5983 | eHMP using old version of vista-js node module. | Medium | 7/26/2016 |  |
| DE6003 | R1.2: Patient information is not cleared after a user logs out | High | 7/27/2016 |  |
| DE6020 | JDS exists filter does not return all data | Medium | 7/28/2016 |  |
| DE6041 | Unable to access patient record following nationwide search if one of the VX-Sync sources fails/unavailable | Medium | 7/29/2016 |  |

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| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Test Method / Test Case Identifier** |
| DE6112 | Pre-Prod: Performance Lag when loading clinics - JDS | High | 8/2/2016 |  |
| DE6119 | Document localTitle field was received as numeric field rather than a string field. | Critical | 8/3/2016 |  |
| DE6120 | Add try/catch to Job Framework so that any unexpected exceptions when processing jobs are caught | High | 8/3/2016 |  |
| DE6121 | Port R2.0 Shutdown solution to R1.2 (See DE5262) | High | 8/3/2016 |  |
| DE6188 | Patient Search - Performance Issue | High | 8/5/2016 |  |
| DE6275 | VA Prod - Encounters is not showing charts | High | 8/9/2016 |  |
| DE6281 | Load Clinic data once per user session | Critical | 8/10/2016 |  |
| DE6282 | Add index for get-op-data RDK resource | Medium | 8/10/2016 |  |
| DE6291 | suggestSearch.js logs the entire rdk config | Medium | 8/10/2016 |  |
| DE6295 | Disable ODS check in RDK | Critical | 8/10/2016 |  |
| DE6301 | RDK Logging performance | Medium | 8/10/2016 |  |
| DE6306 | get-op-data uses inefficient JDS queries | Medium | 8/11/2016 |  |
| DE6308 | RDK Operational Data Interceptor Performance Issue | High | 8/11/2016 |  |
| DE6309 | Pre-Prod/Prod: Performance Lag when loading clinics - RDK | Medium | 8/11/2016 |  |
| DE6310 | Sync Interceptor Clears and Re-syncs patients 24 hours after Sync | Critical | 8/11/2016 |  |
| DE6313 | Fix OrderNumber Transformation | Critical | 8/11/2016 |  |
| DE6323 | Transform Status for DOD Orders | Medium | 8/11/2016 |  |
| DE6339 | Debug 2 RDK tests that are failing in Jenkins due to Cache upgrade | High | 8/12/2016 |  |
| DE6349 | Port Solr query execution in RDK from r2.0 to r1.2 | High | 8/15/2016 |  |
| DE6350 | Remove unnecessary ICN/PID validation from sync interceptor | Medium | 8/15/2016 |  |
| DE6455 | UI makes REST call on every navigation to refresh patient data | Medium | 8/19/2016 |  |
| DE6464 | Production\_Hampton\_Patient with appointment is not displaying in clinic patient list | High | 8/22/2016 |  |
| DE6475 | DoD Documents are blank within the details view in 1.2 DIT | High | 8/22/2016 |  |
| DE6483 | r1.2 RDK Uses Incorrect Document Endpoint Port | High | 8/23/2016 |  |

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| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Test Method / Test Case Identifier** |
| DE6501 | VistA Sites with numeric hash codes and leading zeros crash site poller | High | 8/23/2016 |  |
| DE6511 | Resource server performance failed to meet IOC performance requirement | High | 8/23/2016 |  |
| DE6518 | Record Search performance failing in San Antonio | High | 8/24/2016 |  |
| DE6534 | 1.2 Cleanup unused writeback support/applets (performance) | Medium | 8/24/2016 |  |
| DE6576 | R10425916FY16 - Cannot receive or see Columbia Missouri reminders (R1.2) | Critical | 8/26/2016 | TC6429 |
| DE6604 | RDK UA tracker not sending data6 | Medium | 8/29/2016 |  |
| DE6618 | 2.0-Search record-Invalid search result returns 500 internal server error instead of displaying ""No results"" | Medium | 8/30/2016 |  |
| DE6621 | Production\_CCOW\_ActiveX Not Engaging from CPRS to eHMP | High | 8/30/2016 |  |
| DE6635 | Document Load Performance 1.2/2.0 | Medium | 8/31/2016 |  |
| DE6640 | 1.2 DIT\_Error with Nationwide Search | High | 8/31/2016 |  |
| DE6641 | Modify RDK sync interceptor (synchronize.js) to handle case where sync is in progress and not send redundant sync request | Medium | 8/31/2016 |  |
| DE6655 | 1.2 Scroll bar down arrow is not visible in expanded applet | Medium | 9/1/2016 |  |
| DE6661 | STX Production\_Problems do not display to eHMP | Critical | 9/1/2016 |  |
| DE6664 | Modify 1.2 RDK jdsSync subsystem (jdsSync.js) to use simple sync status | Medium | 9/2/2016 |  |
| DE6688 | Session ID missing from RDK Logging | High | 9/2/2016 |  |
| DE6751 | Creating a Workspace Named ""Problems"" Disables the ""Problems Applet"" | High | 9/7/2016 |  |
| DE6753 | Applet Filter: Medication Review applet filter container is open in all CBWs | Low | 9/7/2016 |  |
| DE6784 | Vista-js Add support for multidivisional users | High | 9/9/2016 |  |
| DE6794 | 1.2 \_Narrative Lab Results, Documents, Reports: Missing Detail View | Medium | 9/9/2016 |  |
| DE6799 | Active Meds and RDK looping unnecessarily over large data sets | High | 9/9/2016 |  |
| DE6822 | osync crashes in production | High | 9/12/2016 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Name** | **Severity** | **Opened Date** | **Test Method / Test Case Identifier** |
| DE6843 | Encounters Gist: Cannot sort by visit Type, Hx Occurrence ( TypeError: Cannot read property 'toLowerCase' of undefined ) | Medium | 9/13/2016 |  |
| DE6852 | ETS 1.2: Medication review: There is an unnecessary comma after the word Garlic | Cosmetic | 9/13/2016 |  |
| DE6887 | eHMP 1.2 Stored Cross-Site Scripting (XSS) Vulnerabilities | Critical | 9/15/2016 |  |

## Fixed VA Defects

VA reported defects specifically resolved in this version are listed in Table 5-2.

**Table 5-2 Fixed VA Defects**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **VA ID** | **ID** | **Name** | **Severity** | **Opened Date** | **Test Method / Test Case Identifier** |
| VA-186 | DE2813 | Patient record flags not correctly displayed | Critical | 10/13/2015 |  |
| VA-358, VA-487, VA-489 | DE4841 | 1.2 and 2.0: - VA-358 Nationwide search instructions incomplete and cause confusion. | Cosmetic | 5/17/2016 |  |
| VA-382 | DE5408 | VA-382 - Meds Review data integrity issue (RDK/UI defect) | Critical | 6/22/2016 |  |
| VA-500 | DE5956 | (1.2 only) Pre Prod is displaying the wrong error message when Access/Verify codes need to be changed | Medium | 7/25/2016 |  |
| VA-491 | DE6288 | VA-491 - Vitals applet performance slow | Medium | 8/10/2016 |  |
| VA-501, VA- 505 | DE6525 | VA-501 -Synching and Loading Patient Data Issues | Critical | 8/24/2016 |  |
| VA-506 | DE6772 | VA-506 Numeric Lab Results Overview Incorrect value for ""Last"" Column (1.2) | Critical | 9/8/2016 |  |
| VA-516 | DE6928 | VA-516 Document title is all lowercase | Cosmetic | 9/16/2016 |  |

# Appendix 1 – M Triggers

Table A-1 details the M Triggers.

**Table A-1 M Triggers**

|  |
| --- |
| **M Triggers** |
| Protocol Name New/Modified/Deleted------------- --------------------HMP DGPF ASSIGN FLAG ModifiedPROTOCOL List NOV 15, 2016@20:00 PAGE 1NUMBER: 6193 NAME: HMP DGPF ASSIGN FLAGTYPE: action CREATOR: PROGRAMMER,ONE PACKAGE: HEALTH MANAGEMENT PLATFORMDESCRIPTION: Used to trigger a JDS update when the DGPF ASSIGN FLAG action protocol is used. A patient must have been selected and the DFN value is in DGDFN.ENTRY ACTION: I $G(DGDFN),$L($T(POST^HMPEVNT)) D POST^HMPEVNT(DGDFN,"patient", DGDFN) |

# Appendix 2 – Files

Table B-1 details the new/modified VA FileMan files that are exported with eHMP KIDS patches.

**Table B-1 VA FileMan Files**

|  |
| --- |
| **VA FileMan Files** |
| STANDARD DATA DICTIONARY #800000 -- HMP SUBSCRIPTION FILE 11/15/16 PAGE 1 STORED IN ^HMP(800000, \*\*\* NO DATA STORED YET \*\*\* SITE: VEHU MASTER UCI: VI STA,ROU (VERSION 2.0)DATA NAME GLOBAL DATAELEMENT TITLE LOCATION TYPE800000,.07 DEFAULT? 0;7 SET'1' FOR YES;'0' FOR NO;LAST EDITED: JUL 20, 2016HELP-PROMPT: Enter 1 for the default eHMP primarysubscription.DESCRIPTION: This field identifies the primary eHMPsubscription for this server. It identifies this server as the default for operations such as selecting a subscription to monitor in the option eHMP Dashboard [HMPMON DASHBOARD]. Only one server at a time can be set as the default. If this file contains only one record, then it will be used automatically as the default.TECHNICAL DESCR: Used in $$GETSRVR^HMPMOND to identify thedefault subscription if this file contains more than one.FIELD INDEX: AD (#1341) REGULAR IR SORTING ONLYShort Descr: Index of operational data by server.Description: This index is used to find operational data for each eHMP server.Set Logic: S ^HMP(800000,"AD",X,DA)=""Set Cond: S X=X(1) |

|  |
| --- |
| **VA FileMan Files** |
| Kill Logic: K ^HMP(800000,"AD",X,DA)Kill Cond: S X=X(1)Whole Kill: K ^HMP(800000,"AD")X(1): DEFAULT? (800000,.07) (Subscr 1) (forwards)STANDARD DATA DICTIONARY #800003 -- HMP EVENT FILE 11/15/16 PAGE 1 STORED IN ^HMPLOG(800003, \*\*\* NO DATA STORED YET \*\*\* SITE: VEHU MASTER UCI: VISTA,ROU (VERSION 2.0)DATA NAME GLOBAL DATAELEMENT TITLE LOCATION TYPEThis file is used to log VistA events relevant to the eHMP environment. Its primary purpose is to record data that otherwise would not be logged, such as corrupt or missing data, or broken pointers.It is also used by the eHMP to log maintenance activities.DD ACCESS: @ RD ACCESS:WR ACCESS: @ DEL ACCESS: @ LAYGO ACCESS: @ AUDIT ACCESS: @IDENTIFIED BY: EVENT DATE/TIME (#.02)[R]CROSSREFERENCED BY: TYPE OF EVENT(ATYP), LOG NUMBER(B), EVENT DATE/TIME(C) 800003,.01 LOG NUMBER 0;1 NUMBER (Required)INPUT TRANSFORM: K:+X'=X!(X>999999999)!(X<1)!(X?.E1"."1N.N) X S:$G(X) DINUM=XLAST EDITED: JUN 13, 2016HELP-PROMPT: Type a number between 1 and 999999999, 0decimal digits.DESCRIPTION: This is an integer that corresponds to the internal entry number.TECHNICAL DESCR:An integer with a DINUM relationship.NOTES: XXXX--CAN'T BE ALTERED EXCEPT BY PROGRAMMER CROSS-REFERENCE: 800003^B1)= S ^HMPLOG(800003,"B",$E(X,1,30),DA)=""2)= K ^HMPLOG(800003,"B",$E(X,1,30),DA)800003,.02 EVENT DATE/TIME 0;2 DATE (Required)INPUT TRANSFORM: S %DT="ESTXR" D ^%DT S X=Y K:Y<1 X LAST EDITED: JUN 13, 2016HELP-PROMPT: Enter the date and time (with seconds) of the event. Time is required.DESCRIPTION: This is a precise date with required time (with seconds). This field is required for each entry.CROSS-REFERENCE: 800003^C1)= S ^HMPLOG(800003,"C",$E(X,1,30),DA)=""2)= K ^HMPLOG(800003,"C",$E(X,1,30),DA)3)= Do not delete this cross-reference. It all ows for lookup by date/time.Allows a user to look up an HMP EVENT entry by date and time.800003,.03 TYPE OF EVENT 0;3 SET |

|  |
| --- |
| **VA FileMan Files** |
| 'C' FOR corruption; 'I' FOR informational; 'M' FOR missing entry; 'O' FOR other;LAST EDITED: JUN 13, 2016HELP-PROMPT: Indicate the type of event that was logged.This value is optional.DESCRIPTION: A set of codes that will be used to classify the type of event logged.C - Corrupt entry was found. For example, the value in a field would not passthe Input Transform.I - Informational. An event of note that would not cause an error.For example, an entry was missing a field that was expected, but not required.M - Missing entry. An internal entry number (IEN) was found without a correspondingentry. Also called a "broken pointer" or "dangling pointer".O - Other type of event. Use this code for all other event types.CROSS-REFERENCE: 800003^ATYP1)= S ^HMPLOG(800003,"ATYP",$E(X,1,30),DA)=""2)= K ^HMPLOG(800003,"ATYP",$E(X,1,30),DA)3)= Do not delete. This field is used to sort by event type.This cross-reference can be used to provide reports of specific event types.800003,1 DESCRIPTIVE TEXT 1;0 WORD-PROCESSING #800003.01(IGNORE "|")INPUT TEMPLATE(S):PRINT TEMPLATE(S):SORT TEMPLATE(S):FORM(S)/BLOCK(S):STORED IN ^HMP(800000, \*\*\* NO DATA STORED YET \*\*\* SITE: VEHU MASTER UCI: VI STA,ROU |

# Appendix 3 – Approved Integration Control Registrations

Table C-1 details the Approved Integration Control Registrations.

**Table C-1 Approved Integration Control Registrations**

|  |  |  |
| --- | --- | --- |
| **Resource** | **DBIA #** | **Date Approved** |
| ^LAB(60 | 91 | 27-Jan-2016 |
| ADM^VADPT2 | 325 | 18-Dec-2015 |
| ^DG(40.8 | 417 | 11-Apr-2016 |
| LAB(61 | 524 | 19-Nov-2015 |
| LRO(69 | 532 | 13-Nov-2015 |
| ^DIC(40.7 | 557 | 16-Dec-2015 |
| EN^ORX8 | 871 | 30-Mar-2016 |
| ^RADPT("AO" | 1172 | 18-Mar-2016 |
| DGPM MOVEMENT EVENTS | 1181 | 13-Apr-2016 |
| SDAM APPOINTMENTS EVENTS | 1320 | 19-Apr-2016 |
| EN1^GMRVUT0 | 1446 | 05-Dec-2015 |
| GMRA ENTERED IN ERROR | 1467 | 23-Feb-2016 |
| GMRA SIGN-OFF ON DATA | 1469 | 23-Feb-2016 |
| ORQPT CLINIC PATIENTS | 1652 | 22-Jan-2016 |
| ORWU USERINFO | 1791 | 27-Jan-2016 |
| ORWRP REPORT LISTS | 1840 | 27-Jan-2016 |
| ORWRP REPORT TEXT | 1841 | 27-Jan-2016 |
| ^DGPM( | 1865 | 15-Apr-2016 |
| ^DGPM("APCA", ^DGPM("APMV", ^DGPM("ATID1" | 1865 | 15-Apr-2016 |
| $$GETENC^PXAPI | 1894 | 09-Oct-2015 |
| ENCEVENT^PXAPI | 1894 | 09-Oct-2015 |
| $$TEAMCNT^SCAPMCU1 | 1918 | 29-Oct-2015 |
| ^AUPNVSIT | 2028 | 25-Nov-2015 |
| ^GMR(120.8 | 2166 | 02-Dec-2015 |
| MAIN^PXRM | 2182 | 09-Oct-2015 |
| $$TSDATA^DGACT | 2248 | 30-Nov-2015 |
| ^AUPNVPRV( | 2316 | 02-Jan-2016 |
| WHATIS^USRLM | 2324 | 29-Mar-2016 |
| OCL^PSOORRL | 2400 | 04-Nov-2015 |

|  |  |  |
| --- | --- | --- |
| **Resource** | **DBIA #** | **Date Approved** |
| OEL^PSOORRL | 2400 | 04-Nov-2015 |
| LRO(69 | 2407 | 26-Nov-2015 |
| PS EVSEND OR | 2415 | 17-Feb-2016 |
| $$OI^ORX8 | 2467 | 30-Mar-2016 |
| $$VALUE^ORX8 | 2467 | 30-Mar-2016 |
| RR^LR7OR1 | 2503 | 04-Nov-2015 |
| ^XTV(8989.5 | 2686 | 30-Mar-2016 |
| TEAMPTS^ORQPTQ1 | 2692 | 16-Oct-2015 |
| EXTRACT^TIULQ | 2693 | 28-Mar-2016 |
| TIU(8925.1 | 2700 | 23-Nov-2015 |
| ^AUPNPROB( | 2727 | 30-Mar-2015 |
| OER^GMRCSLM1 | 2740 | 02-Feb-2016 |
| DETAIL^GMPLUTL2 | 2741 | 19-Oct-2015 |
| LIST^GMPLUTL2 | 2741 | 19-Oct-2015 |
| EDIT^VAFCPTED | 2784 | 06-Apr-2016 |
| $$CWAD^ORQPT2 | 2831 | 20-Jan-2016 |
| $$RESOLVE^TIUSRVLO | 2834 | 14-Oct-2015 |
| ^ORD(101.43 | 2843 | 02-Dec-2015 |
| CONTEXT^TIUSRVLO | 2865 | 23-Nov-2015 |
| TGET^TIUSRVR1 | 2944 | 16-Oct-2015 |
| EXPAND^LR7OU1 | 2955 | 15-Nov-2015 |
| DOCLIST^GMRCGUIB | 2980 | 02-Feb-2015 |
| $$ISA^TIULX | 3058 | 15-Oct-2015 |
| $$PKGID^ORX8 | 3071 | 30-Mar-2016 |
| ^AUPNVPOV( | 3094 | 25-Nov-2015 |
| OR EVSEND GMRC | 3135 | 13-Mar-2016 |
| GMRC EVSEND OR | 3140 | 16-Feb-2016 |
| EN^ORQ1 | 3154 | 30-Mar-2016 |
| DG FIELD MONITOR | 3344 | 19-Apr-2016 |
| ^GMR(120.86 | 3449 | 01-Dec-2015 |
| RA(79.2 | 3505 | 24-Feb-2016 |
| LIST^SROESTV | 3533 | 16-Nov-2015 |
| ONE^SROESTV | 3533 | 16-Nov-2015 |
| CPCLASS^TIUCP | 3568 | 08-Oct-2015 |

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| **Resource** | **DBIA #** | **Date Approved** |
| ISCP^TIUCP | 3568 | 08-Oct-2015 |
| DOSE^PSSOPKI1 | 3739 | 11-May-2015 |
| ^DGS(41.1 | 3796 | 13-Apr-2016 |
| $$GETACT^DGPFAPI | 3860 | 18-Nov-2015 |
| DEFLIST^ORQPTQ11 | 4204 | 03-Mar-2016 |
| WARDPTS^ORQPTQ2 | 4207 | 03-Mar-2016 |
| CLINPTS^ORQPTQ2 | 4207 | 03-Mar-2016 |
| PROVPTS^ORQPTQ2 | 4207 | 03-Mar-2016 |
| SPECPTS^ORQPTQ2 | 4207 | 03-Mar-2016 |
| PCE4NOTE^ORWPCE3 | 4214 | 03-Mar-2016 |
| EN1^MDPS1 | 4230 | 13-Jan-2016 |
| PR690^MDPS1 | 4230 | 16-Dec-2015 |
| LRPXRM^LRPXAPI | 4245 | 05-Nov-2015 |
| $$LRDN^LRPXAPIU | 4246 | 05-Nov-2015 |
| VHF^PXPXRM | 4250 | 15-Oct-2015 |
| VIMM^PXPXRM | 4250 | 15-Oct-2015 |
| VPEDU^PXPXRM | 4250 | 15-Oct-2015 |
| VSKIN^PXPXRM | 4250 | 15-Oct-2015 |
| VXAM^PXPXRM | 4250 | 15-Oct-2015 |
| ^PXRMINDX(63 | 4290 | 19-Nov-2015 |
| $$CREATE^XUSAP | 4677 | 14-Apr-2016 |
| EIE^GMRAGUI1 | 4682 | 01-Jun-2016 |
| NKA^GMRAGUI1 | 4682 | 01-Jun-2016 |
| UPDATE^GMRAGUI1 | 4682 | 01-Jun-2016 |
| EN1^GMVDCSAV | 4815 | 13-Nov-2015 |
| ORQQPX REMINDERS LIST | 4898 | 29-Mar-2016 |
| ORQQPX REMINDER DETAIL | 4899 | 06-Apr-2016 |
| BYWARD^ORWPT | 4904 | 27-Jan-2016 |
| ORWPT BYWARD | 4904 | 27-Jan-2016 |
| PTTEST^YTQPXRM2 | 5035 | 01-Jun-2016 |
| ENDAS71^YTQPXRM6 | 5043 | 07-Nov-2015 |
| ^YTT(601.71 | 5044 | 03-Mar-2016 |
| ^YTT(601.71 | 5044 | 08-Jan-2016 |
| $$FDEFSRC^ORQPTQ11 | 5137 | 03-Mar-2016 |

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| **Resource** | **DBIA #** | **Date Approved** |
| GETDLG1^ORCD | 5493 | 06-Apr-2016 |
| GETORDER^ORCD | 5493 | 06-Apr-2016 |
| $$CLASS^TIUCNSLT | 5546 | 13-Oct-2015 |
| ISCNSLT^TIUCNSLT | 5546 | 13-Oct-2015 |
| ISSURG^TIUSROI | 5676 | 13-Oct-2015 |
| ^TIU(8926.1 | 5676 | 30-Dec-2015 |
| $$CLASS^TIUSROI | 5676 | 21-Oct-2015 |
| TIU(8925.1 | 5677 | 25-Nov-2015 |
| $$START^SCMCMHTC | 5697 | 14-Oct-2015 |
| RPC^GMVRPCM | 5702 | 11-May-2015 |
| GET^ORQ12 | 5704 | 03-Mar-2016 |
| $$ICDDX^ICDEX | 5747 | 13-Oct-2015 |
| ^MDC(704.102 | 5748 | 08-Jan-2016 |
| ^ORA(102.4 | 5769 | 04-Jul-2016 |
| OR(100 | 5771 | 03-Mar-2016 |
| ^WV(790.05 | 5772 | 04-Feb-2016 |
| ^MDC(704.117 | 5810 | 19-Apr-2016 |
| ^MDC(704.118 | 5811 | 16-Dec-2015 |
| ADMIN^PSBVPR | 6038 | 13-Apr-2016 |
| GMPL EVENT | 6065 | 08-Feb-2016 |
| GET^TIUVPR | 6077 | 04-May-2016 |
| $$IFC^GMRCAPI | 6082 | 30-Mar-2016 |
| ACT^GMRCAPI | 6082 | 30-Mar-2016 |
| GET^GMRCAPI | 6082 | 19-Apr-2016 |
| MDC OBSERVATION UPDATE | 6084 | 20-Apr-2016 |
| RA EVSEND OR | 6086 | 16-Feb-2016 |
| LR7O CH EVSEND OR | 6087 | 16-Feb-2016 |
| ^USR(8930 | 6088 | 02-Feb-2016 |
| ^USR(8930.1 | 6089 | 01-Dec-2015 |
| OR EVSEND FH | 6090 | 03-Mar-2016 |
| OR EVSEND LRCH | 6091 | 16-Feb-2016 |
| OR EVSEND ORG | 6092 | 13-Mar-2016 |
| OR EVSEND PS | 6093 | 13-Mar-2016 |
| OR EVSEND RA | 6094 | 04-Mar-2016 |

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| **Resource** | **DBIA #** | **Date Approved** |
| OR EVSEND VPT | 6095 | 29-Mar-2016 |
| ^TIU(8925 | 6154 | 20-Jan-2016 |
| $$ACTLOC | 6251 | 07-Mar-2016 |
| $$LEXXFRM | 6254 | 01-Feb-2016 |
| DEFSORT | 6261 | 07-Feb-2016 |
| COMBPTS | 6268 | 07-Mar-2016 |
| IMTYPSEL | 6269 | 07-Mar-2016 |
| INPLOC | 6272 | 07-Mar-2016 |
| PCDETAIL | 6273 | 07-Mar-2016 |
| GETLIST | 6274 | 07-Mar-2016 |
| ^EDP(230,"V" | 6275 | 26-Apr-2016 |
| ^YTT(601.72 | 6277 | 15-Mar-2016 |
| ^TIU(8925.5 | 6279 | 25-Nov-2015 |
| LAB(64.5 | 6280 | 17-Dec-2015 |
| ^OR(100.24 | 6283 | 06-Apr-2016 |
| ^PSB(53.79 | 6298 | 15-Apr-2016 |
| TIU^HMPEVNT | 6299 | 11-Jan-2016 |
| POSTX^HMPEVNT | 6301 | 11-Jan-2016 |
| ORQQPL4 LEX | 6348 | 02-Feb-2016 |
| DGPF ASSIGN FLAG | 6354 | 06-Apr-2016 |
| GMRD(120.83 | 6357 | 04-Feb-2016 |
| ^ORD(100.98 | 6358 | 07-Feb-2016 |
| STATUS^SDAMA308 | 6359 | 20-Apr-2016 |
| GMRD(120.53 | 6364 | 24-Feb-2016 |
| GMRD(120.52 | 6365 | 24-Feb-2016 |
| GMRD(120.51 | 6366 | 24-Feb-2016 |
| ORD(101.41 | 6367 | 03-Mar-2016 |
| ORD(101.42 | 6368 | 04-Mar-2016 |
| PS(51.2 | 6369 | 04-Mar-2016 |
| PS(55 | 6395 | 21-Mar-2016 |
| SCTM(404.51 | 6396 | 07-Apr-2016 |
| FASTUSER | 6397 | 06-Apr-2016 |
| ORD(101 | 6400 | 07-Apr-2016 |
| PSB EVSEND VPT | 6085 | 5/4/16 |

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| **Resource** | **DBIA #** | **Date Approved** |
| DETAIL^ORQ2 | 4203 | 10/31/16 |
| PXK VISIT DATA EVENT | 1298 | 5/18/16 |
| GMPL(125.8,”AD” | 2974 |  |
| AUTTHF(“B” | 1989 |  |
| NEW^GMPLSAVE | 2978 |  |
| ^RAMIS(71.2 | 587 |  |
| GMPL(125.8 | 2974 |  |
| RPC: GMV GET CURRENT TIME | 4355 |  |
| RPC: GMV MARK ERROR | 4414 |  |
| RPC: GMV ADD VM | 3996 |  |
| RPC: GMV VITALS/CAT/QUAL | 4359 |  |
| RPC: TIU CREATE ADDENDUM RECORD | 1805 |  |
| RPC: TIU CREATE RECORD | 1806 |  |
| RPC: TIU DELETE RECORD | 1811 |  |
| RPC: TIU DOCUMENTS BY CONTEXT | 3198 |  |
| ROC: TIU GET DOCUMENT TITLE | 3923 |  |
| RPC: TIU GET RECORD TEXT | 1635 |  |
| RPC: TIU GET REQUEST | 3438 |  |
| RPC: TIU IS THIS A CONSULT? | 3201 |  |
| RPC: TIU IS THIS A SURGERY? | 3966 |  |
| RPC: TIU ISPRF | 5986 |  |
| RPC: TIU LOCK RECORD | 3897 |  |
| RPC: TIU LONG LIST OF TITLES | 3204 |  |
| RPC: TIU REQUIRES COSIGNATURE | 1800 |  |
| RPC: TIU SET DOCUMENT TEXT | 3954 |  |
| RPC: TIU SIGN RECORD | 1790 |  |
| RPC: TIU UNLOCK RECORD | 3900 |  |
| RPC: TIU UPDATE RECORD | 1799 |  |
| ^AUTTEDT(“B” | 1987 |  |
| ^AUTTEXAM(“B” | 1988 |  |
| ^GMR(120.5,D0,2 | 1381 |  |
| ^ORD(100.03,D0,0),”^”) | 2576 |  |
| DOCCLASS^TIUCL1 | 3548 |  |
| RPC: PX SAVE DATA | 6023 |  |

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| **Resource** | **DBIA #** | **Date Approved** |
| BSA AND BMI | 6414 |  |
| DGPF CHANGE ASSIGNMENT OWNERSHIP | 6416 | 7/25/16 |
| DGPF EDIT ASSIGNMENT | 6415 | 7/25/16 |
| ACCEPT | 6435 |  |
| EDITSAVE | 6436 |  |
| VALID | 6434 |  |
| SAVE | 6440 |  |
| GETXTRA | 6428 |  |
| CLINPTS2 | 6437 |  |
| LOCK | 6440 |  |
| UNLOCK | 6440 |  |
| File 120.5 | 6432 |  |
| ORDRNUM | 6426 |  |
| LOCKORD | 6440 |  |
| UNLKORD | 6440 |  |
| SEND | 6440 |  |
| LEX | 6441 |  |
| VALIDSIG | 6442 |  |
| RPC: ORQQVI NOTEVIT | 6454 |  |
| CLINDOC^TIULC1 | 6489 |  |
| GETFREQ^ORWLEX | 6490 |  |
| ADDSAVE^ORQQPL1 | 6448 | 11/8/16 |
| PROB^ORQQPL3 | 6452 | 11/8/16 |
| EDSAVE^ORQQPL1 | 6451 | 11/8/16 |
| EDLOAD^ORQQPL1 | 6450 | 11/8/16 |
| DELETE^ORQQPL2 | 6449 | 11/8/16 |
| NOTEVIT^ORQQVI | 6454 | 11/8/16 |
| DETAIL^ORWOR | 5655 | 11/10/16 |
| EDITSAVE^ORWDAL32 | 5652 | 11/10/16 |
| RPC: ORWDAL32 CLINUSER | 6456 | 11/8/16 |

# Appendix 4 – New Parameters

Table D-1 details the new parameters.

**Table D-1 New Parameters**

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| **New Parameters** |
| PARAMETER DEFINITION List NOV 15, 2016@20:14 PAGE 1NAME: HMPMON DASHBOARD UPDATE DISPLAY TEXT: HMP Dashboard Update Rate VALUE DATA TYPE: numeric VALUE DOMAIN: 3:300VALUE HELP: Enter a number between 3 and 300 seconds inclusively. DESCRIPTION:This parameter controls the behavior of option eHMP Dashboard [HMPMON DASHBOARD]. Most of this option's prompts time out normally, but its Action Prompts control monitoring screens that auto-update the screen when they time out, to provide dashboard functionality for monitoring theVista-side eHMP software.This parameter ships with three settings:1. a package default setting, defined by the eHMP development team using parameter template HMPMON DASHBOARD PKG, accessed through menu option Set Package's Dashboard Auto-update Rate [HMPMON SET PKG DASHBOARD RATE], which should not be changed at local sites;
2. a system setting that will override the package setting; it can be defined by the local system manager using parameter template HMPMON DASHBOARD SYS, accessed through menu option Set System's Dashboard Auto-update Rate [HMPMON SET SYS DASHBOARD RATE];
3. a user setting that overrides the other two; it is defined by the current user using parameter HMPMON DASHBOARD USR, accessed by the dashboard action Change Auto-update Rate action within option eHMP Dashboard [HMPMON DASHBOARD].

It is usually set to 3 to 30 seconds, but can be set as high as 300 seconds to support demonstration or teaching situations. If it is wholly absent, the user's default Vista time-out rate is used.PRECEDENCE: 1 ENTITY FILE: USERPRECEDENCE: 2 ENTITY FILE: SYSTEMPRECEDENCE: 3 ENTITY FILE: PACKAGETemplate Name - Parameter New/Modified/Deleted HMPMON DASHBOARD PKG NewHMPMON DASHBOARD SYS NewHMPMON DASHBOARD USR NewPARAMETER TEMPLATE List NOV 15, 2016@20:12 PAGE 1 NUMBER: 123 NAME: HMPMON DASHBOARD PKGDISPLAY TEXT: Dashboard Auto-update Rate USE ENTITY FROM: PACKAGESEQUENCE: 1 PARAMETER: HMPMON DASHBOARD UPDATENUMBER: 125 NAME: HMPMON DASHBOARD SYSDISPLAY TEXT: Dashboard Auto-update Rate USE ENTITY FROM: DOMAINSEQUENCE: 1 PARAMETER: HMPMON DASHBOARD UPDATENUMBER: 124 NAME: HMPMON DASHBOARD USRDISPLAY TEXT: Dashboard Auto-update Rate USE ENTITY FROM: NEW PERSONSEQUENCE: 1 PARAMETER: HMPMON DASHBOARD UPDATE |