Virtual Patient Record (VPR) 1.0

Installation Guide

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Department of Veterans Affairs

Health Systems Design and Development

VA Health Information Technology

Revision History

Date	Patch or Version	Page	Description	Project Manager	Author
05/14/2012	1.0	4	Added section for uninstalling VPR software as required by the National Release Checklist; corrected minor formatting issues; updated date in footer;	Deb Migliore	Ruth Markham
08/08/11	1.0		VPR version 1.0 Release	Deb Migliore	Ruth Markham

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Overview

This document provides instructions for installing Virtual Patient Record (VPR) version 1.0. VPR is a foundation software package component of the Health Management Platform architecture. This architecture is part of the scope of the Health Informatics Initiative. VPR extracts patient data from domains at local and remote VistA sites to provide a cached view of patient charts. It provides normalized fields with common field names and data structures across domains. VPR includes two remote procedure calls (RPCs), one comprised of routines that extract data from VistA and the other that returns the current version number for VPR.

The VPR RPC for data extraction was initially installed in the Nationwide Health Information Network (NwHIN) namespace, which was called NHIN, and the NwHIN client has been using most of the extract routines in production to get and share data.

With this product release, the VPR RPCs will be installed in its own VPR namespace and renumbered as VPR version 1.0. NwHIN can continue to use the extract routines in its NHIN namespace, but will need to access VPR v1.0, or subsequent versions as they are released, in order to take advantage of future enhancements to the extract routines.

Four routines in this release are new, have not previously been released to NHIN:

VPRDGMRC	Consults extract
VPRDGPF	Patient Record Flags extract
VPRDOR	Orders extract
VPRDPXHF	Health Factors extract

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The VPR RPC package consists of the following three files:

File Name	Contents	FTP Retrieval Format
VPR1_0.KID	KIDS build	ASCII
VPR_TM.PDF	Technical manual	Binary
VPR_IG.PDF	VPR Installation guide	Binary

Retrieve these files via FTP from download.vista.med.va.gov, which transmits the files from the first available FTP server (preferred method). You can also retrieve the files directly from one of the following FTP sites:

OI Field Office	FTP Address	Directory
Albany	ftp.fo-albany.med.va.gov	[anonymous]
Hines	ftp.fo-hines.med.va.gov	[anonymous]
Salt Lake City	ftp.fo-slc.med.va.gov	[anonymous]

You can install this package release with users on the system; however, to minimize disruption to users, you should install it at a non-peak time. Installation should take less than one minute.

This package release adds the following file entries:

- VPR APPLICATION PROXY—OPTION file(#19)
- VPR GET PATIENT DATA—REMOTE PROCEDURE file (#8994)
- VPR DATA VERSION—REMOTE PROCEDURE file (#8994)

Instructions

Using the VistA Kernel Installation & Distribution System (KIDS) menu:
1. Using ASCII format, retrieve the KIDS file VPR1_0.KID
2. Select the Load a Distribution option and enter **VPR1_0.KID** when prompted at the host file prompt. You may need to prefix a directory name.
   Example: VA16$:[SMAVISTA.IRMPERSON]VPR1_0.KID
3. Select any or all of the following options (KIDS Installation Menu) as desired:

- o Print Transport Global
- o Compare Transport Global to Current System
- o Verify Checksums in Transport Global
- o Backup a Transport Global

4. Use the Install Package(s) option, which is located under the KIDS menu's INSTALLATION submenu. At the **Select INSTALL NAME:** Prompt, respond: **VPR 1.0**
5. At the **Want KIDS to Rebuild Menu Trees Upon Completion of Install?** Prompt, respond: **NO**.
6. At the **Want KIDS to INHIBIT LOGONs during the install?** Prompt, respond: **NO.**
7. At the **Want to DISABLE Scheduled Options, Menu Options, and Protocols?** Prompt, respond: **NO**.
8. When the installation is completed, use the Kernel Delete Routines option [XTRDEL] to delete the VPRPI initialization routine.

Verification

Use the FileMan Inquiry option to verify the VPR 1.0 package's M-VistA installation.

Verify that:
1. The VPR package entry exists in the PACKAGE file (# 9.4).
2. The VPR GET PATIENT DATA and VPR DATA VERSION remote procedure entries exist in the REMOTE PROCEDURE file (#8994).
3. The APP PROXY ALLOWED field is set to *Yes* for VPR GET PATIENT DATA and VPR DATA VERSION in the REMOTE PROCEDURE file (#8994)
4. The VPR APPLICATION PROXY option exists in the OPTION file (#19) and the VPR GET PATIENT DATA and VPR DATA VERSION remote procedures are attached to this option.
5. The installation process created the VPR, APPLICATION PROXY entry in the NEW PERSON file (file #200) and the entry has the VPR APPLICATION PROXY option assigned as a secondary menu.

   Example FileMan Inquire from file 200:

   NAME: VPR,APPLICATION PROXY   DATE ENTERED: JUL 13, 2011
        CREATOR: IRM,PERSON
        SECONDARY MENU OPTIONS: VPR APPLICATION PROXY
         User Class: APPLICATION PROXY   ISPRIMARY: Yes
          PROVIDER KEY (c): 0

Checksums

The following table contains checksums for the VPR routines VPR GET PATIENT DATA:

#	Routine	Checksum
1	VPRD	24278674
2	VPRDGMPL	20610705
3	VPRDGMRA	21412184
4	VPRDGMRC	10314726
5	VPRDGMV	39440303
6	VPRDGPF	5569926
7	VPRDLR	24712747
8	VPRDLRA	69605973
9	VPRDLRO	27350157
10	VPRDOR	9187731
11	VPRDPROC	8662758
12	VPRDPS	14378656
13	VPRDPSI	41960179
14	VPRDPSO	68282901
15	VPRDPT	65865871
16	VPRDPXHF	9504608
17	VPRDPXIM	15857859
18	VPRDRA	39795192
19	VPRDSDAM	9762566
20	VPRDSR	29738621
21	VPRDTIU	61120410
22	VPRDVSIT	71801802
	VPRPI << post install routine	300624

Uninstalling VPR

VPR consists of two RPCs, a few options, and the supporting routines that can simply be deleted if a site would ever want to remove the package from their system. Backing out VPR only requires deleting any items in the VPR namespace.