

**Clinical Information Support System**

## **Patient-Centered Management Module**

**Web-VistA Data Extract Guide**



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**Office of Information and Technology  
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## Revision History

Date	Version	Description	Author
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## Table of Contents

<b>1. Background .....</b>	<b>1</b>
1.1. Purpose .....	1
1.2. Scope .....	1
1.3. Pre-Requisite Considerations.....	1
<b>2. Patch SD*5.3*620 – PCMM Web Data Extracts.....</b>	<b>1</b>
2.1. Installation Overview .....	1
2.2. Pre-Installation Instructions .....	2
2.3. Installation Instructions .....	2
2.4. Post-Installation Data Extract Instructions.....	3
2.5. Assign PCMM DATA EXTRACTS Security Key .....	4
2.6. Determine Extract File Space Requirement.....	5
2.7. Run Data Extract Routines.....	7
2.8. FTP Extract Files .....	8
2.9. Validate Extract Files After FTP.....	11
<b>3. Appendix A – Patch Description SD*5.3*620 .....</b>	<b>12</b>
<b>4. Appendix B – Sample Install Record SD*5.3*620.....</b>	<b>17</b>

# 1. Background

This is the Patient-Centered Management Module Web (PCMM Web) Data Extract Guide. PCMM Web will replace PCMM. To prepare for moving from PCMM to PCMM Web, sites will have to perform a data migration and part of the data migration will be to extract PCMM data from each site's VistA system. This patch will be utilized to extract PCMM files in the VistA system. This guide contains step-by-step instructions for installing Patch SD\*5.3\*620 - PCMM WEB DATA EXTRACTS.

## 1.1. Purpose

The purpose of this Data Extract Guide specifies how and when each site should install the patch into the site's test and production accounts and provides instructions on the timeline for the data extracts.

## 1.2. Scope

The scope of this plan encompasses the PCMM Web data extracts only. This plan does not address the installation or deployment of PCMM Web. The Installation guide for PCMM Web is a separate guide to be delivered with the Web Application.

## 1.3. Pre-Requisite Considerations

The following are pre-requisite considerations for the Data Extractions:

- Verify the user installing the SD\*5.3\*620 patch has access to the National Patch Module and Forum to retrieve patches.
- The user knows how to install VistA Patches.
- The user has knowledge of Linux or VMS systems.
- The user will execute the extract options on the "back-end" database server, where applicable.
- Executing the extract routines requires access to the Caché (M) command line (programmer prompt).

# 2. Patch SD\*5.3\*620 – PCMM Web Data Extracts

The purpose of the patch SD\*5.3\*620 is to install menu options that, when executed, will create a copy of the VistA PCMM files. Once created, the extract files are sent to PCMM Web for comparison to the data that was migrated into PCMM Web during PCMM Data Reconciliation.

## 2.1. Installation Overview

---

**IMPORTANT: DO NOT run the Post Installation instructions in this patch on the Production System until the site is scheduled to begin the PCMM Data Mitigation process. Each site will be scheduled for deployment and will receive notification from the Implementation Manager indicating the planned deployment date. In addition, the extraction menu options in the SD\*5.3\*620 patch should not be executed before the Data Validation process begins.**

---

- Each site will be contacted by the PCMM Implementation Manager to schedule PCMM Data Mitigation.
- This patch may be installed with users on the system. This patch should take less than 5 minutes to install.
- The file extract processing may be system resource intensive. It is recommended to schedule the post installation steps for non-peak hours.

## 2.2. Pre-Installation Instructions

No special instructions.

## 2.3. Installation Instructions

This patch will install eight data extract routines, nine menu options, and one security key.

1. Login to the “backend” database server (i.e. ecp node), if applicable to your site.
2. Choose the PackMan message containing this patch.
3. Choose the **INSTALL/CHECK MESSAGE** PackMan option.
4. From the Kernel Installation and Distribution System Menu, select the **Installation Menu**. From this menu, you can elect to use the following options. When prompted for the INSTALL NAME enter **SD\*5.3\*620**.
  - a. Verify Checksums in Transport Global - This option will allow you to ensure the integrity of the routines that are in the transport global.
  - 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. 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.
5. From the Installation Menu, select the **Install Package(s)** option and choose the patch to install. Enter **SD\*5.3\*620**.
6. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//' respond **NO**.
7. When prompted 'Want KIDS to INHIBIT LOGONs during the install? NO//' respond **NO**.
8. When prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//' respond **NO**.
9. If prompted 'Delay Install (Minutes): (0 - 60): 0//' respond **0**.

## 2.4. Post-Installation Data Extract Instructions

These steps are executed once the site is scheduled for PCMM Web Data Migration. The post installation steps below are preparation for data migration efforts for all sites required to participate in the data migration prior to going live with the PCMM Web application.

---

**NOTE: DO NOT run the extract options detailed on the site's Production system until the site has been scheduled to begin the PCMM Data Mitigation process and deployment.**

**An Implementation Manager will contact the site to schedule the PCMM Data Migration.**

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- Test the extract functionality in the site's Test Account, but do not perform the FTP step. On test systems, extracts may be run at any time to verify functionality.
- Execute the extracts on the "back-end" database server (i.e., ecp node), where applicable, by staff with Caché (M) command line (programmer prompt) access and privileges (i.e., programmer mode access).
- The extract processing may be system resource intensive because the Patient Team Assignment Extract and the Patient Team Position Assignment extracts will be extracting all patients assigned to a PCMM Team. This process may take a substantial amount of time to complete due to the large file sizes. Ensure that the site's system has enough space to support storage of these files.

Estimated Extract File sizes. The timing will vary site to site.

SIZE	STN	FILE_NAME	TIMING
50MB - 85MB	<SITE#>	_PCMMPATIENTTEAMASSIGNMENT.TXT	4 - 12 HOURS
45MB - 80MB	<SITE#>	_PCMMPATIENTTEAMPOSITIONASSIGNMENT.TXT	4 - 12 HOURS
685KB - 1.5MB	<SITE#>	_PCMMPOSITIONASSIGNMENTHISTORY.TXT	2 - 10 MINUTES
145KB - 290KB	<SITE#>	_PCMMPRECEPTORASSIGNMENTHISTORY.TXT	2 - 10 MINUTES
30KB - 40KB	<SITE#>	_PCMMTEAMHISTORY.TXT	2 - 10 MINUTES
300KB - 400KB	<SITE#>	_PCMMTEAMPOSITIONHISTORY.TXT	2 - 10 MINUTES
495KB - 610KB	<SITE#>	_PCMMTEAMPOSITION.TXT	2 - 10 MINUTES
35KB - 40KB	<SITE#>	_PCMMTEAM.TXT	2 - 10 MINUTES

- It is recommended to perform this extract during non-peak hours.
- The extract should run after all PCMM Legacy users are logged off the system.
- Run the extract on the last business day before the site's scheduled installation/deployment date and schedule the extract for non-peak hours. Users should cease data entry in PCMM prior to the extract. If data entry is still in progress, some data may not be captured in the extract and may not be included in data migration.

---

**NOTE: DO NOT RUN the extract options until the site has been scheduled to begin data migration. The implementation coordinator will contact the site with the scheduled date for data migration and additional assistance.**

---

---

**The Patient Team Assignment Extract makes a copy of all patients assigned to a PCMM Team. This process will take a while due to the size of the extract. Additionally, this also applies for the Patient Team Position Assignment Extract.**

---

Complete the following three steps during the Post Installation of this patch:

1. Assign the PCMM DATA EXTRACTS Security Key to the user who will be performing the extract.
2. Execute the data extract options.
3. FTP the extract files.

## 2.5. Assign PCMM DATA EXTRACTS Security Key

The user that runs the extracts will need the PCMM DATA EXTRACTS Security Key. The security key must be assigned before the extract files can be created.

Use the Menu Management option:

```
Core Applications ...
Device Management ...
FM   VA FileMan ...
      Manage Mailman ...
      Menu Management ...
      Programmer Options ...
      Operations Management ...
      Information Security Officer Menu ...
      Taskman Management ...
      User Management ...
HL7  HL7 Main Menu ...
VDEF VDEF Configuration and Status ...
      Application Utilities ...
      Capacity Planning ...
      Fileman Access for the OIG ...
```

Select Systems Manager Menu <TEST ACCOUNT> Option: **Menu Management**

```
Edit options
Key Management ...
Secure Menu Delegation ...
Restrict Availability of Options
Option Access By User
List Options by Parents and Use
Fix Option File Pointers
Help Processor ...
OPED Screen-based Option Editor
      Display Menus and Options ...
      Menu Rebuild Menu ...
      Out-Of-Order Set Management ...
      See if a User Has Access to a Particular Option
```



Show Users with a Selected primary Menu

Select Menu Management <TEST ACCOUNT> Option: **Key Management**

- Allocation of Security Keys
- De-allocation of Security Keys
- Enter/Edit of Security Keys
- All the Keys a User Needs
- Change user's allocated keys to delegated keys
- Delegate keys
- Keys For a Given Menu Tree
- List users holding a certain key
- Remove delegated keys
- Show the keys of a particular user

Select Key Management <TEST ACCOUNT> Option: **Allocation of Security Keys**

Allocate key: **PCMM DATA EXTRACTS**      enter the security key name

Another key:

Holder of key: **<User Name>**      enter the user's name

Another holder:

You've selected the following keys:

PCMM DATA EXTRACTS

You've selected the following holders:

<User Name>

You are allocating keys. Do you wish to proceed? YES//

PCMM DATA EXTRACTS being assigned to:  
<User Name>

If the user was logged on before the key was assigned, log off, and then log on again. A user's security keys are determined at logon time.

## 2.6. Determine Extract File Space Requirement

Use the following information to determine how much disk space will be required to store the PCMM extract files.

Extract File Name	Source Global Name	Extract Record Size
site_PCMMPATIENTTEAMASSIGNMENT.TXT	^SCPT(404.42,	135
site_PCMMPATIENTTEAMPOSITIONASSIGNMENT.TXT	^SCPT(404.43,	109
site_PCMMTEAM.TXT	^SCTM(404.51,	117
site_PCMMPOSITIONASSIGNMENTHISTORY.TXT	^SCTM(404.52,	114
site_PCMMPRECEPTORASSIGNMENTHISTORY.TXT	^SCTM(404.53,	141
site_PCMMTEAMPOSITION.TXT	^SCTM(404.57,	200
site_PCMMTEAMHISTORY.TXT	^SCTM(404.58,	65
site_PCMMTEAMPOSITIONHISTORY.TXT	^SCTM(404.59,	73

Run the following commands to determine the record count for each file at your site. The number in red is the record count in each file.

```
CHEYL12>D ^%G
```

Device:

Right margin: 80 =>

Screen size for paging (0=nopaging)? 24 =>

For help on global specifications DO HELP^%G

Global ^SCPT(404.42,0 -- NOTE: translation in effect

^SCPT(404.42,0)="PATIENT TEAM ASSIGNMENT^404.42PIA^77123^76507"

Global ^SCPT(404.43,0 -- NOTE: translation in effect

^SCPT(404.43,0)="PATIENT TEAM POSITION ASSIGNMENT^404.43PI^84688^83574"

Global ^SCTM(404.51,0 -- NOTE: translation in effect

^SCTM(404.51,0)="TEAM^404.51^1061^1059"

Global ^SCTM(404.52,0 -- NOTE: translation in effect

^SCTM(404.52,0)="POSITION ASSIGNMENT HISTORY^404.52PIA^2316^1972"

Global ^SCTM(404.53,0 -- NOTE: translation in effect

^SCTM(404.53,0)="PRECEPTOR ASSIGNMENT HISTORY^404.53PIA^156^146"

Global ^SCTM(404.57,0 -- NOTE: translation in effect

^SCTM(404.57,0)="TEAM POSITION^404.57IA^5544^5479"

Global ^SCTM(404.58,0 -- NOTE: translation in effect

^SCTM(404.58,0)="TEAM HISTORY^404.58PIA^1079^1076"

Global ^SCTM(404.59,0 -- NOTE: translation in effect

^SCTM(404.59,0)="TEAM POSITION HISTORY^404.59PIA^5364^5301"

To determine the size requirements, multiply the record count by the record size for each file. Add these totals together and then add 25%. The result should be the approximate disk space (in bytes) required for the local storage of the extract files. (For example, divide by 1024 for KB; 1,048,576 for MB.)

## 2.7. Run Data Extract Routines

1. The extract processing may be system resource intensive. It is recommended to schedule this for non-peak hours.
2. The data extract files are stored in the host file default directory on the site's system. This path will display on the screen as the extracts are run. Disk space may be verified before running the extract file using this command:

```
W $ZF(-1,$S($system.Version.GetCompBuildOS()["UNIX":"df -h",  
$system.Version.GetCompBuildOS()["VMS": "show device D /unit=byte"]),!
```

3. The SCMC PCMM EXTRACT ROUTINES option may be assigned to a user's Secondary Menu Options, and executed from any menu or it may be executed using **D ^XUP** at the Caché command prompt, then enter **SCMC PCMM EXTRACT ROUTINES** at the option prompt.
4. The list of eight extracts will display. Execute each data extract by following the steps below:
  - a. The Patient Team Assignment Extract and Patient Team Position Assignment Extract may take several hours to run. DO NOT run the extracts at the same time. It is recommended patient extracts be run during non-peak/off hours.
  - b. Run the other extracts before the Patient Team Assignment Extract and the Patient Team Position Assignment Extract.
5. Extract files should be run one at a time to avoid interruption of service or slower response times.

Step 2

VISTA>**D ^XUP**

Setting up programmer environment  
This is a TEST account.

Terminal Type set to: C-VT320

Select OPTION NAME: **SCMC PCMM EXTRACT ROUTINES** SCMC PCMM Extract  
Routines

```
Team File Extract  
Team History File Extract  
Team Position File Extract  
Team Position History Extract  
Patient Team Assignment Extract *  
Patient Team Position Assignment Extract*  
Position Assignment History Extract  
Preceptor Assignment History Extract
```

---

**\*Note: Patient Team Assignment Extract and Patient Team Position Assignment Extract will take the longest. Expect that these two extracts will take several hours.**

---

Select SCMC PCMM Extract Routines <TEST ACCOUNT> Option:

Example:

Select SCMC PCMM Extract Routines <TEST ACCOUNT> Option: Team File Extract

<directory name> will display here

6. Repeat these steps for each of the menu options. Eight extract files will be created. Each file name is prefixed with the local site number. FTP the following the extracts to the PCMM Web Data Migration Staging Server.

```
<site#>_PCMMPATIENTTEAMASSIGNMENT.TXT  
<site#>_PCMMPATIENTTEAMPOSITIONASSIGNMENT.TXT  
<site#>_PCMMPOSITIONASSIGNMENTHISTORY.TXT  
<site#>_PCMMPRECEPTORASSIGNMENTHISTORY.TXT  
<site#>_PCMMTEAM.TXT  
<site#>_PCMMTEAMHISTORY.TXT  
<site#>_PCMMTEAMPOSITION.TXT  
<site#>_PCMMTEAMPOSITIONHISTORY.TXT
```

## 2.8. FTP Extract Files

---

**NOTE: The extract files should be transmitted immediately after completion. Before the FTP process, contact the PCMM Web Systems Administrator via email at [VHAISDPCMMMDMTeam@va.gov](mailto:VHAISDPCMMMDMTeam@va.gov) and request the Username and Password before sending the files. The Systems Administrator will confirm the files have arrived.**

---

- Secure FTP is required to copy the extract files to the PCMM Web Data Migration Staging Server. The FTP extract file location is:

<ftp://vhacrbftpciss01.ciss.cc.med.va.gov>.

## Caché (M) command line:

---

**NOTE: 442 is a sample station number and used as an example.**

---

```
VISTA>S X=$ZF(-1,sftp station_<site#>@10.208.148.20)
Connecting to 10.208.148.20...
station_442@10.208.148.20's password: password
sftp> cd jail
sftp> lcd <directory name> (directory where extract files reside, from above)
sftp> mput <site#>_PCMM*.TXT
Uploading ...
sftp> ls -l 442_PCMM*.TXT (check transferred files)
File list ...
sftp> quit
VISTA>
```

## Linux Example

### List files

```
VISTA>S X=$ZF(-1, "ls /u06/CHEYL12/442_PCMM*") (directory where extract files reside,
from above)
/u06/CHEYL12/442_PCMPATIENTTEAMASSIGNMENT.TXT
/u06/CHEYL12/442_PCMPATIENTTEAMPOSITIONASSIGNMENT.TXT
/u06/CHEYL12/442_PCMMPOSITIONASSIGNMENTHISTORY.TXT
/u06/CHEYL12/442_PCMPRECEPTORASSIGNMENTHISTORY.TXT
/u06/CHEYL12/442_PCMMTEAMHISTORY.TXT
/u06/CHEYL12/442_PCMMTEAMPOSITIONHISTORY.TXT
/u06/CHEYL12/442_PCMMTEAMPOSITION.TXT
/u06/CHEYL12/442_PCMMTEAM.TXT
VISTA>
```

### FTP

```
VISTA>S x=$ZF(-1,"sftp station_442@10.208.148.20")
Connecting to 10.208.148.20...
station_442@10.208.148.20's password: password
sftp> cd jail
sftp> lcd /u06/CHEYL12/ (directory where extract files reside, from above)
sftp> mput 442_PCMM*.TXT
Uploading 442_PCMPATIENTTEAMASSIGNMENT.TXT to /jail/442_PCMPATIENTTEAMASSIGNMT
442_PCMPATIENTTEAMASSIGNMENT.TXT          100% 9461KB  4.6MB/s   00:02
Uploading 442_PCMPATIENTTEAMPOSITIONASSIGNMENT.TXT to /jail/442_PCMPATIENTTEAT
442_PCMPATIENTTEAMPOSITIONASSIGNMENT.TXT    100% 7423KB  7.3MB/s   00:01
Uploading 442_PCMMPOSITIONASSIGNMENTHISTORY.TXT to /jail/442_PCMMPOSITIONASSIGNT
442_PCMMPOSITIONASSIGNMENTHISTORY.TXT      100% 171KB 170.5KB/s  00:01
Uploading 442_PCMPRECEPTORASSIGNMENTHISTORY.TXT to /jail/442_PCMPRECEPTORASSIT
442_PCMPRECEPTORASSIGNMENTHISTORY.TXT    100%  14KB 14.2KB/s   00:00
Uploading 442_PCMMTEAM.TXT to /jail/442_PCMMTEAM.TXT
442_PCMMTEAM.TXT                          100%   85KB  85.0KB/s   00:00
```

```

Uploading 442_PCMMTEAMHISTORY.TXT to /jail/442_PCMMTEAMHISTORY.TXT
442_PCMMTEAMHISTORY.TXT          100%  44KB  43.6KB/s   00:00
Uploading 442_PCMMTEAMPOSITION.TXT to /jail/442_PCMMTEAMPOSITION.TXT
442_PCMMTEAMPOSITION.TXT          100% 631KB 631.4KB/s   00:00
Uploading 442_PCMMTEAMPOSITIONHISTORY.TXT to /jail/442_PCMMTEAMPOSITIONHISTORY.T
442_PCMMTEAMPOSITIONHISTORY.TXT  100% 175KB 175.2KB/s   00:00
sftp> ls -l 442_PCMM*.TXT          check transferred files
-rwxr-xr-x    0 585      502      1327830 Oct 15 16:14 442_PCMMPATIENTTEAMASSIT
-rwxr-xr-x    0 585      502      7601008 Oct 15 16:14 442_PCMMPATIENTTEAMPOSIT
-rwxr-xr-x    0 585      502      174610 Oct 15 16:14 442_PCMMPOSITIONASSIGNMT
-rwxr-xr-x    0 585      502       14535 Oct 15 16:14 442_PCMMPRECEPTORASSIGNT
-rwxr-xr-x    0 585      502       91879 Oct 15 16:14 442_PCMMTEAM.TXT
-rwxr-xr-x    0 585      502      48604 Oct 15 16:14 442_PCMMTEAMHISTORY.TXT
-rwxr-xr-x    0 585      502     646586 Oct 15 16:14 442_PCMMTEAMPOSITION.TXT
-rwxr-xr-x    0 585      502     179384 Oct 15 16:14 442_PCMMTEAMPOSITIONHIST
sftp> quit
VISTA>

```

## VMS Example

List files

```
VISTA> S X=$ZF(-1, "dir user$:[temp]442_PCMM*.TXT")
```

Directory USER\$:[TEMP]

```

442_PCMMPATIENTTEAMASSIGNMENT.TXT;1
442_PCMMPATIENTTEAMPOSITIONASSIGNMENT.TXT;1
442_PCMMPOSITIONASSIGNMENTHISTORY.TXT;1
442_PCMMPRECEPTORASSIGNMENTHISTORY.TXT;1      442_PCMMTEAM.TXT;4
442_PCMMTEAMHISTORY.TXT;4      442_PCMMTEAMPOSITION.TXT;1
442_PCMMTEAMPOSITIONHISTORY.TXT;3

```

Total of 8 files.

VISTA>

FTP

---

**NOTE: Ensure the sftp “traffic” messages in the Linux example above display or the files will need to be transferred individually.**

---

```

VISTA> S X=$ZF(-1, "sftp station_442@10.208.148.20")
station_442@10.208.148.20's password:
sftp> cd jail
/jail
sftp> lcd USER$:[TEMP]
USER$:[temp]
sftp> mput 442_PCMM*.TXT
or
sftp> put 442_PCMMPATIENTTEAMASSIGNMENT.TXT
442_PCMMPATIENTTEAMASSIGNMENT.TXT | 192B | 0.2 kB/s | TOC: 00:00:01 | 100%

```

```

sftp> put 442_PCMPATIENTTEAMPOSITIONASSIGNMENT.TXT
442_PCMPATIENTTEAMPOSITIONASSIGN | 337B | 0.3 kB/s | TOC: 00:00:01 | 100%
sftp> put 442_PCMMPOSITIONASSIGNMENTHISTORY.TXT
442_PCMMPOSITIONASSIGNMENTHISTORY | 387B | 0.4 kB/s | TOC: 00:00:01 | 100%
sftp> put 442_PCMPRECEPTORASSIGNMENTHISTORY.TXT
442_PCMPRECEPTORASSIGNMENTHISTOR | 182B | 0.2 kB/s | TOC: 00:00:01 | 100%
sftp> put 442_PCMMTEAM.TXT
442_PCMMTEAM.TXT | 324B | 0.3 kB/s | TOC: 00:00:01 | 100%
sftp> put 442_PCMMTEAMHISTORY.TXT
442_PCMMTEAMHISTORY.TXT | 108B | 0.1 kB/s | TOC: 00:00:01 | 100%
sftp> put 442_PCMMTEAMPOSITION.TXT
442_PCMMTEAMPOSITION.TXT | 936B | 0.9 kB/s | TOC: 00:00:01 | 100%
sftp> put 442_PCMMTEAMPOSITIONHISTORY.TXT
442_PCMMTEAMPOSITIONHISTORY.TXT | 152B | 0.1 kB/s | TOC: 00:00:01 | 100%
sftp> ls -l 442_PCMM*.TXT check transferred files
-rw-r--r-- 0 585 502 192 Sep 9 15:07 442_PCMPATIENTTEAMASSIT
-rw-r--r-- 0 585 502 337 Sep 9 15:08 442_PCMPATIENTTEAMPOSIT
-rw-r--r-- 0 585 502 387 Sep 9 15:08 442_PCMMPOSITIONASSIGNMT
-rw-r--r-- 0 585 502 182 Sep 9 15:09 442_PCMPRECEPTORASSIGNT
-rw-r--r-- 0 585 502 324 Sep 9 15:09 442_PCMMTEAM.TXT
-rw-r--r-- 0 585 502 108 Sep 9 15:10 442_PCMMTEAMHISTORY.TXT
-rw-r--r-- 0 585 502 936 Sep 9 15:10 442_PCMMTEAMPOSITION.TXT
-rw-r--r-- 0 585 502 152 Sep 9 15:10 442_PCMMTEAMPOSITIONHIST
sftp> quit

```

VISTA>

## 2.9. Validate Extract Files After FTP

Once the FTP process is complete, run the following programmer prompt to validate checksum:

```
!md5sum /srv/vista/iro/user/hfs/###_PCMM*
```

### 3. Appendix A – Patch Description SD\*5.3\*620

VistA Patch Display

Page: 1

```
=====
Run Date: DEC 12, 2014           Designation: SD*5.3*620
Package : SCHEDULING             Priority  : MANDATORY
Version : 5.3                    Status   : COMPLETE/NOT
RELEASED
=====
```

Subject: PCMM WEB DATA EXTRACTS

Category: ROUTINE

Description:

=====

The purpose of this patch is to provide sites with a means to extract Vista legacy Primary Care Management Module (PCMM) data for comparison to Patient-Centered Management Module-Web (PCMM Web) for data migration prior to the implementation of PCMM Web patch SD\*5.3\*603.

```
*****ATTENTION*****
DO NOT run the "SCMC PCMM EXTRACT ROUTINES" listed below until your
site has been scheduled to begin the PCMM data validation and migration
process. Each site will be contacted by the Implementation Manager to
schedule PCMM data validation and migration.
*****
```

Technical Summary

=====

1. Routine SCRPTTEAM is a new routine that extracts data from the TEAM file (404.51) for comparison to PCMMR data.
2. Routine SCRPTHST is a new routine that extracts data from the TEAM HISTORY file (404.58) for comparison to PCMMR data.
3. Routine SCRPTPOS is a new routine that extracts data from the TEAM POSITION file (404.57) for comparison to PCMMR data.
4. Routine SCRPTPHS is a new routine that extracts data from the TEAM POSITION HISTORY file (404.59) for comparison to PCMMR data.
5. Routine SCRPTTA is a new routine that extracts data from the PATIENT TEAM ASSIGNMENT file (404.42) for comparison to PCMMR data.
6. Routine SCRPTPA is a new routine that extracts data from the PATIENT TEAM POSITION ASSIGNMENT file (404.43) for comparison to PCMMR data.
7. Routine SCRPPRAH is a new routine that extracts data from the PRECEPTOR ASSIGNMENT HISTORY file (404.53) for comparison to PCMMR data.
8. Routine SCRPPAHS is a new routine that extracts data from the POSITION ASSIGNMENT HISTORY file (404.52) for comparison to PCMMR data.
9. A new security key PCMM DATA EXTRACTS is necessary to run the extract routine options.

Additional Information:

-----

DO NOT run the extract options in this patch until your site has been



scheduled to begin the PCMM data validation and migration process.  
Each site will be contacted by the Implementation Manager to schedule  
PCMM data validation and migration

#### Patch Components

=====

#### Files & Fields Associated:

File Name (#)	Field Name (#)	New/Modified/Deleted
---------------	----------------	----------------------

-----

N/A

#### Forms Associated:

Form Name	File #	New/Modified/Deleted
-----------	--------	----------------------

-----

N/A

#### Mail Groups Associated:

Mail Group Name	New/Modified/Deleted
-----------------	----------------------

-----

N/A

#### Options Associated:

Option Name	Type	New/Modified/Deleted
-------------	------	----------------------

-----

SCMC PCMM EXTRACT ROUTINES	menu	new
SCMC TEAM FILE EXTRACT	routine	new
SCMC TEAM HISTORY FILE EXTRACT	routine	new
SCMC TEAM POSITION EXTRACT	routine	new
SCMC TEAM POS HISTORY EXTRACT	routine	new
SCMC PAT TEAM ASSIGN EXTRACT	routine	new
SCMC PAT TEAM POS ASGN EXTRACT	routine	new
SCMC POSITION ASSIGN EXTRACT	routine	new
SCMC PRECEPTOR ASSIGN EXTRACT	routine	new

#### Protocols Associated:

Protocol Name	New/Modified/Deleted
---------------	----------------------

-----

N/A

#### Security Keys Associated:

Security Key Name	New/Modified/Deleted
-------------------	----------------------

-----

PCMM DATA EXTRACTS	new
--------------------	-----

#### Remote Procedures Associated:

RPC Name	New/Modified/Deleted
----------	----------------------

-----

N/A

#### Templates Associated:

Template Name	Type	File Name (#)	New/Modified/Deleted
---------------	------	---------------	----------------------

-----

N/A

#### New Service Requests (NSRs):

-----  
N/A

Patient Safety Issues (PSIs):  
-----

N/A

Remedy Ticket(s) & Overviews:  
-----

N/A

Test Sites:  
-----

Memphis VAMC - Memphis, TN  
Iron Mountain VAMC - Iron Mountain, MI  
VA West Los Angeles HCS - Los Angeles, CA  
Portland VAMC - Portland, OR

Documentation Retrieval Instructions:  
=====

Updated documentation describing the new functionality introduced by this patch is available.

The preferred method is to FTP the files from  
<ftp://download.vista.med.va.gov/>.  
This transmits the files from the first available FTP server. Sites may  
also elect to retrieve software directly from a specific server as  
follows:

Albany	<a href="ftp://ftp.fo-albany.med.va.gov">ftp.fo-albany.med.va.gov</a>	< <a href="ftp://ftp.fo-albany.med.va.gov">ftp://ftp.fo-albany.med.va.gov</a> >
Hines	<a href="ftp://ftp.fo-hines.med.va.gov">ftp.fo-hines.med.va.gov</a>	< <a href="ftp://ftp.fo-hines.med.va.gov">ftp://ftp.fo-hines.med.va.gov</a> >
Salt Lake City	<a href="ftp://ftp.fo-slc.med.va.gov">ftp.fo-slc.med.va.gov</a>	< <a href="ftp://ftp.fo-slc.med.va.gov">ftp://ftp.fo-slc.med.va.gov</a> >

The documentation will be in the form of Adobe Acrobat files.

Documentation can also be found on the VA Software Documentation Library  
at: <http://www.va.gov/vdl/>

File Description	File Name	FTP Mode
PCMM Web-Vista Data Extract Guide	SD_53_620_DM.pdf	binary
Release Notes	SD_53_620_RN.pdf	binary

Patch Installation:  
=====

Please refer to the PCMM Web-Vista Data Extract Guide for complete  
details.

Installation Overview  
-----

1. DO NOT run the Post Installation instructions in this patch on the  
Production System until your site has been scheduled to begin the PCMM  
Data Mitigation process.  
Each site will be contacted by the PCMM Implementation Manager to  
schedule PCMM Data Mitigation.

2. This patch may be installed with users on the system. This patch should take less than 2 minutes to install.
3. The file extract processing may be system resource intensive. It is recommended that the Post Installation portion of this patch be scheduled for non-peak hours.

#### Pre-Installation Instructions

-----  
No special instructions.

#### Installation Instructions

-----  
This patch will install eight data extract routines, nine menu options, and one security key.

1. Login to the "backend" database server (i.e. ecp node), if applicable to your site.
2. Choose the PackMan message containing this patch.
3. Choose the INSTALL/CHECK MESSAGE PackMan option.
4. 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 SD\*5.3\*620
  - a. Verify Checksums in Transport Global - This option will allow you to ensure the integrity of the routines that are in the transport global.
  - 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. 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.
5. From the Installation Menu, select the Install Package(s) option and choose the patch to install. Enter SD\*5.3\*620
6. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of Install? NO//' respond NO
7. When prompted 'Want KIDS to INHIBIT LOGONs during the install? NO//' respond NO
8. When prompted 'Want to DISABLE Scheduled Options, Menu Options, and Protocols? NO//' respond NO
9. If prompted 'Delay Install (Minutes): (0 - 60): 0//' respond 0.

Post-Installation Instructions (to be executed once site is scheduled for PCMM Web Data Mitigation)

-----  
Please refer to the PCMM Web-Vista Data Extract Guide for complete details.

NOTE: DO NOT run the extract options on the Production system until your site has been scheduled to begin the PCMM Data Mitigation process. Extract options may be run in test accounts to verify functionality, however, the FTP step should not be run in the test account.

Each site will be contacted by the Implementation Manager to schedule

PCMM Data Mitigation.

Routine Information:

=====

The second line of each of these routines now looks like:  
;;5.3;Scheduling; \*\*[Patch List]\*\*;AUG 13, 1993;Build 11

The checksums below are new checksums, and  
can be checked with CHECK1^XTSUMBLD.

Routine Name: SCRPPAHS		
Before:	n/a	After: B22427775 **620**
Routine Name: SCRPPRAH		
Before:	n/a	After: B13384637 **620**
Routine Name: SCRPPPTA		
Before:	n/a	After: B18005623 **620**
Routine Name: SCRPPPTPA		
Before:	n/a	After: B20107233 **620**
Routine Name: SCRPTTEAM		
Before:	n/a	After: B15183519 **620**
Routine Name: SCRPTHST		
Before:	n/a	After: B8383528 **620**
Routine Name: SCRPTPHS		
Before:	n/a	After: B9381464 **620**
Routine Name: SCRPTPOS		
Before:	n/a	After: B35911981 **620**

=====

User Information:

Entered By :	SANDUSKY, DONNA	Date Entered :	MAY 15, 2014
Completed By:	YARLAGADDA, MADHAVI	Date Completed:	DEC 12, 2014
Released By :		Date Released :	

=====

## 4. Appendix B – Sample Install Record SD\*5.3\*620

NAME: SD\*5.3\*620  
PACKAGE FILE LINK: SCHEDULING                      DATE LOADED: JUL 21, 2014@16:35:47  
STARTING PACKAGE: SD\*5.3\*620                      INSTALL ORDER: 1  
REQUIRED TO CONTINUE: NO                      SETNAME: 0SD\*5.3\*620  
STATUS: Install Completed                      DISABLE OPTION DELAY: 0  
INSTALLED BY: THOMPSON,ANDREW  
INSTALL START TIME: JUL 21, 2014@16:40:22  
ROUTINE INSTALL TIME: JUL 21, 2014@16:40:22  
INSTALL COMPLETE TIME: JUL 21, 2014@16:40:23  
DISTRIBUTION DATE: JUL 21, 2014                      FILE COMMENT: SD\*5.3\*620 TEST v9  
TEST#: 9  
PRE-INIT CHECK POINTS: XPD PREINSTALL COMPLETED  
COMPLETED TIME: JUL 21, 2014@16:40:22  
POST-INIT CHECK POINTS: XPD POSTINSTALL COMPLETED  
COMPLETED TIME: JUL 21, 2014@16:40:22  
BUILD COMPONENT: OPTION                      DATA TIME: JUL 21, 2014@16:40:22  
INSTALL ORDER: 18  
BUILD COMPONENT: SECURITY KEY                      DATA TIME: JUL 21, 2014@16:40:22  
INSTALL ORDER: 3  
MESSAGES:  
  
Install Started for SD\*5.3\*620 :  
Jul 21, 2014@16:40:22  
  
Build Distribution Date: Jul 21, 2014  
  
Installing Routines:  
Jul 21, 2014@16:40:22  
  
Installing PACKAGE COMPONENTS:  
  
Installing SECURITY KEY  
  
Installing OPTION  
Jul 21, 2014@16:40:22  
  
Updating Routine file...  
  
Updating KIDS files...  
  
SD\*5.3\*620 Installed.  
Jul 21, 2014@16:40:23  
  
Not a production UCI  
  
NO Install Message sent  
NAME: XP01                      ANSWER: 0  
PROMPT: Want KIDS to Rebuild Menu Trees Upon Completion of Install  
EXTERNAL ANSWER: NO  
NAME: XPI1                      ANSWER: 0  
PROMPT: Want KIDS to INHIBIT LOGONS during the install

EXTERNAL ANSWER: NO  
NAME: XPZ1 ANSWER: 0  
PROMPT: Want to DISABLE Scheduled Options, Menu Options, and Protocols  
EXTERNAL ANSWER: NO  
ROUTINES: SCRPPAHS  
ROUTINES: SCRPPRAH  
ROUTINES: SCRPPPTA  
ROUTINES: SCRPPPTPA  
ROUTINES: SCRPTTEAM  
ROUTINES: SCRPTHST  
ROUTINES: SCRPTPHS  
ROUTINES: SCRPTPOS