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Run Date: NOV 14, 2018 Designation: SD\*5.3\*686

Package : SD - SCHEDULING Priority: Mandatory

Version : 5.3 Status: Under Development

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Associated patches: (v)SD\*5.3\*669 <<= must be installed BEFORE `SD\*5.3\*686'

(v)SD\*5.3\*671 <<= must be installed BEFORE `SD\*5.3\*686'

(v)SD\*5.3\*679 <<= must be installed BEFORE `SD\*5.3\*686'

Subject: VISTA SCHEDULING GUI 1.6.0

Category:

- Routine

- Data Dictionary

- Print Template

- Sort Template

- Other

Description:

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* GUI UPDATE NOTICE \*

\*--------------------------------------------------------------------------\*

\* This patch MUST be installed before the GUI update for release 1.6.0

\* of VistA Scheduling GUI is installed. The previous 1.5 release will work \*

\* with no problems after this patch has been installed. However, if the \*

\* 1.6.0 version is used without this patch, then all fields for selecting

\* clinics, as well as the Audit Report, will not work properly. \*

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This patch contains the VistA components necessary to support the 1.6.0

release of VistA Scheduling Enhancements (VSE) as well as addressing the

following issues:

1. R18120703FY18 - The VS GUI application freezes when the Audit Report is

run for all schedulers due to performance issues.

2. R17856900FY18, - If an appointment had been scheduled for a consult,

R18564968FY18, then that consult was completed, and finally the

R18648321FY18 appointment was canceled, the consult will be marked

as active, even though it should remain as complete.

3. R17415367FY18 - If a user locks an appointment request (in this case,

a consult request in particular) by selecting it in the

RM grid, then exits the GUI with it still locked, a user

in VistA will be unable to select the same request,

instead receiving a message stating that the request is

locked.

4. R17039175FY18 - When using clinic lookup, if the user pauses the input

is wiped out and has to be re-entered.

5. R18477670FY18 - When scheduling an appointment for an Inter-Facility

Consult (IFC), the remote facility is not notified.

This patch also contains modifications to routines (SDECAR1 and SDECAR2)

and RPCs (SDEC ARGET, SDEC ARSET, and SDECAR1 ARGUID) as well changes to

FileMan files (Appointment Request #409.85) related to a future

enhancement - the integration of Scheduling Manager functionality into the

VS GUI.

Patch Components

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Files & Fields Associated:

File Name (#) New/Modified/

Sub-file Name (#) Field Name (Number) Deleted

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SDEC APPT REQUEST (#409.85) MODIFIED

VAOS GUID (#5) NEW

SDEC CONTACT (#409.86) MODIFIED

SD AUDIT STATISTICS (#409.97) NEW

SCHEDULER (#.01) NEW

DATE (#1) NEW

PATIENT CONTACTS (#2) NEW

APPT REQUESTS (#3) NEW

APPT APPOINTMENTS MADE (#4) NEW

APPT CLOSED (#5) NEW

MRTC OPENED (#6) NEW

MRTC CLOSED (#7) NEW

EWL ENTRIES (#8) NEW

EWL APPOINTMENTS MADE (#9) NEW

EWL CLOSED (#10) NEW

PtCSch ENTRIES (#11) NEW

PtCSch APPOINTMENTS MADE (#12) NEW

CONSULT APPOINTMENTS MADE (#13) NEW

APPOINTMENTS CANCELLED (#14) NEW

TOTAL ACTIONS (#15) NEW

Bulletins Associated:

New/Modified/

Bulletin Name Deleted

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N/A

Dialogs Associated:

New/Modified/

Dialog Name Deleted

----------- -------------

N/A

Forms Associated:

New/Modified/

Form Name File Name (Number) Deleted

--------- ------------------ -------------

N/A

Functions Associated:

New/Modified/

Function Name Deleted

------------- -------------

N/A

HL Logical Link:

New/Modified/

HL Logical Name Deleted

--------------- -------------

N/A

HL7 Application Parameters:

New/Modified/

HL7 Parameter Name Deleted

------------------ -------------

N/A

HLO Application Registry:

New/Modified/

HLO Registry Name Deleted

----------------- -------------

N/A

Help Frames Associated:

New/Modified/

Help Frame Name Deleted

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N/A

Mail Groups Associated:

New/Modified/

Mail Group Name Deleted

--------------- -------------

N/A

Options Associated:

New/Modified/

Option Name Type Deleted

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CLINICAL SCHEDULING PROCEDURE CALLS [SDECRPC] Broker MODIFIED

COMPILE AUDIT REPORT FOR A SELECTED Routine NEW

DATE [SDEC COMPILE AUDIT REPORT]

COMPILE YESTERDAY'S AUDIT REPORT [SDEC AUDIT REPORT JOB] Routine NEW

PRINT VISTA SCHEDULING AUDIT REPORT [SDEC PRINT AUDIT REPORT]

Print NEW

RELEASE APPOINTMENT REQUEST LOCKS[SDEC RELEASE LOCKS] Routine NEW

SUPERVISOR MENU [SDSUP] Menu MODIFIED

Parameter Definitions:

New/Modified/

Parameter Name Deleted

-------------- -------------

N/A

Parameter Template:

New/Modified/

Template Name Deleted

------------- -------------

N/A

Protocols Associated:

New/Modified/

Protocol Name Deleted

------------- -------------

N/A

Remote Procedures Associated:

New/Modified/

Remote Procedure Name Deleted

--------------------- -------------

SDEC ARGET MODIFIED

SDEC ARSET MODIFIED

SDEC RESCE NEW

SDEC SUMMGET2 NEW

SDECAR1 ARGUID NEW

Security Keys Associated:

New/Modified/

Security Key Name Deleted

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N/A

Templates, Input Associated:

New/Modified/

Template Name Type File Name (Number) Deleted

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N/A

Templates, List Associated:

New/Modified/

Template Name Type Deleted

------------- ---- -------------

N/A

Templates, Print Associated:

New/Modified/

Template Name Type File Name (Number) Deleted

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SDEC AUDIT DATE PRINT Print SDEC AUDIT STATISTICS (#409.97) NEW

Templates, Sort Associated:

New/Modified/

Template Name Type File Name (Number) Deleted

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SDEC AUDIT REPORT BY DATE Sort SDEC AUDIT STATISTICS (#409.97) NEW

Additional Information:

N/A

New Service Requests (NSRs)

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N/A

Patient Safety Issues (PSIs)

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N/A

Service Desk Manager (SDM) Ticket(s) & Overview

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1. R18120703FY18 Cancel Audit Data Error after selecting ALL in Audit Report

Problem:

-------

In the Audit Report, when the user chooses ALL in order to run the report for

all schedulers, the system hangs for several minutes attempting to load data,

then finally returns an RPCException when the connection times out. This also

terminate's the user's connection to VistA until they close and reopen VS GUI.

Resolution:

----------

The data for the Audit Report is now compiled by a nightly job so that much

less data needs to be transmitted to the client in order to use the report.

Users will now be able to run the report for all schedulers without

encountering the timeout. In addition, the PRINT VISTA SCHEDULING AUDIT

REPORT [SDEC PRINT AUDIT REPORT] menu option will allow a VistA user to view

or print the report in VistA.

2. R17856900FY18, R18564968FY18, R18648321FY18 Reactivating completed consults

Problem:

-------

If an appointment is created for a consult, then the consult is marked as

complete, then finally the appointment is canceled, the consult returns to the

active status instead of remaining complete.

Resolution:

----------

In this situation, the consult will now remain in the complete status.

3. R17415367FY18 Incorrect lock handling in RM Grid

Problem:

-------

When a user selects a request in the RM grid, the request is locked until

another request is selected. If the user exits the program, the lock is not

released. If a VistA user tries to use the previously locked request, they

will be prevented from doing so. (To exacerbate this, the GUI was not handling

locks correctly and would give the lock to any user that tried to get it even

if another user held the lock, so this issue was not visible to GUI

users.)

Resolution:

----------

The request that a user had locked when they log out is now unlocked

correctly. In addition, if a user tries to work a request in the GUI that

another user has locked, they will receive a message that the request is

locked and which user holds the lock. Finally, a VistA option on the

Supervisor menu has been added that will release all locks held by a user.

4. R17039175FY18 Consult lookup interaction errors

Problem:

-------

When using clinic lookup in the VS GUI, if the user pauses typing, the input

is wiped out and has to be re-entered. A pop-up window appears if the user's

input results in more than 50 matches and the input is erased. In addtion,

the user cannot refine the list of clinics returned by typing additional

characters.

Resolution:

----------

GUI changes made, eliminating the pop-up window and responding to the user's

input including narrowing the list of returned values when each additional

character is entered. A new RPC was created for the GUI to support this

change. The new RPC returns a more limited amount of data so that the

GUI can respond more quickly to the user's input.

5. R18477670FY18 Remote facility not updated when appointments made for IFCs

Problem:

-------

When scheduling an appointment for an IFC, the remote facility is not notified.

RPC code for VS GUI did not include functionality in VistA Scheduling for the

generation of IFC notifications.

Resolution:

----------

Modified the RPC code to call a VistA Scheduling API that generates IFC

notifications.

6. 820465 Failing Test Case "Consult status after No Show" when

executing Test Execution Record "Cancel appointment should not update

status of consult if the consult is completed"

Problem:

-------

Under certain circumstances, a completed/cancelled/etc. consult can have

an appointment scheduled against it.

Resolution:

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Modified RPC code to block scheduling appointments for a consult unless

it is pending or active.

Test Sites:

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TBA

Software and Documentation Retrieval Instructions:

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Software being released as a host file and/or documentation describing

the new functionality introduced by this patch are available.

The preferred method is to retrieve files from DNS.URL.

This transmits the files from the first available server. Sites may

also elect to retrieve files directly from a specific server.

Sites may retrieve the software and/or documentation directly using

Secure File Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE

directory at the following OI Field Offices:

Hines: DNS.URL

Salt Lake City: DNS.URL

Documentation can also be found on the VA Software Documentation Library at:

<http://DNS.URL>

Title File Name FTP Mode

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VistA Scheduling Enhancements GUI User Guide VSE\_VA\_GUI\_UG.PDF Binary

VistA Scheduling Enhancements Technical Manual VSE\_TM.PDF Binary

Patch Installation:

Pre/Post Installation Overview

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Post-installation, there are 3 tasks: 1) re-index the SDEC CONTACT file,

2) schedule the audit statistics compiler to run early each morning in

TaskMan and 3) compile enough previous audit statistics for reporting users.

These tasks will be detailed in the Post-Installation Instructions section.

Installation Instructions

-------------------------

Install Time - less than 5 minutes.

1. Use the INSTALL/CHECK MESSAGE option on the PackMan menu.

2. From the Kernel Installation & Distribution System menu, select

the Installation menu.

3. From this menu, you may select to use the following options

(when prompted for INSTALL NAME, enter SD\*5.3\*686):

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. Print Transport Global - This option will allow you to view

the components of the KIDS build.

c. 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, DD's, templates, etc.).

d. 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 DD's or templates.

4. Use the Install Package(s) option and select the package SD\*5.3\*686.

5. When prompted "Want KIDS to INHIBIT LOGONs during the install? NO//"

respond NO.

6. When prompted "Want to DISABLE Scheduled Options, Menu Options, and

Protocols? NO//", respond NO

Post-Installation Instructions

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1. RE-INDEX THE SDEC CONTACT FILE

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VA FileMan 22.2

Select OPTION: UTILITY FUNCTIONS

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Select UTILITY OPTION: 4 RE-INDEX FILE

-

MODIFY WHAT FILE: SD Audit Statistics// 409.86 SDEC CONTACT

------

(0 entries)

THERE ARE 3 INDICES WITHIN THIS FILE

DO YOU WISH TO RE-CROSS-REFERENCE ONE PARTICULAR INDEX? No// Y (Yes)

-

What type of cross-reference (Traditional or New)? Traditional// NEW

---

File: SDEC CONTACT (#409.86)

Select Subfile: 3 DATE/TIME of CONTACT (Subfile #409.863)

-

Current Indexes on subfile #409.863:

1404 'AD' whole file index (resides on file #409.86)

Which Index do you wish to re-cross-reference? 1404// AD

--

Do you want to delete the existing 'AD' cross-reference? YES

---

Do you want to re-build the 'AD' cross reference? YES ...DONE!

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2. SCHEDULE THE AUDIT REPORT JOB

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Access the TASKMAN MANAGEMENT option then select Schedule/Unschedule

options. Schedule the SDEC AUDIT REPORT JOB option to run at some point

in the early morning tomorrow (such as 1:00 am) with a rescheduling

frequency of one day (1D).

3. COMPILE DATA FOR THE AUDIT REPORT

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Access the SDEC COMPILE AUDIT REPORT option. Enter the date range that

you want to be able to report statistics for.

NOTE: You can run the option as many times as needed to compile the

report statistics. Compiling will be skipped if it has already been done

for a day. It is recommended that you compile a single day the first time

you use the option to gauge the amount of time required at your facility.

Compiling audit statistics can be done at any time after installation that

is convenient, but users will only be able to get data on the audit

report that has been compiled.

Routine Information:

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The second line of each of these routines now looks like:

;;5.3;Scheduling;\*\*[Patch List]\*\*;Aug 13, 1993;Build 39

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: SDCNSLT

Before: B41631358 After: B45406127 \*\*478,496,630,627,686\*\*

Routine Name: SDEC

Before:B133133924 After:B133133924 \*\*627,643,642,651,658,665,672,

679,686\*\*

Routine Name: SDEC01C

Before: n/a After: B69927064 \*\*686\*\*

Routine Name: SDEC07

Before:B200567128 After:B206327125 \*\*627,642,651,658,665,669,671,

672,701,686\*\*

Routine Name: SDEC07A

Before: B84573487 After: B86375854 \*\*627,642,651,679,686\*\*

Routine Name: SDEC08

Before:B209647726 After:B213030286 \*\*627,651,658,665,686\*\*

Routine Name: SDECAR1

Before:B154809357 After:B167351251 \*\*627,642,658,686\*\*

Routine Name: SDECAR2

Before:B191968590 After:B199967808 \*\*627,642,658,671,686\*\*

Routine Name: SDECAUD

Before: n/a After:B101121122 \*\*686\*\*

Routine Name: SDECCON

Before: B15794027 After: B17988891 \*\*669,686\*\*

Routine Name: SDECLK

Before: B9204662 After: B22769738 \*\*627,686\*\*

Routine list of preceding patches: 679, 701

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User Information:

Entered By : CHAVE,WARREN Date Entered : FEB 20, 2018

Completed By: Date Completed:

Released By : Date Released :

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