VistA Patch Display Page: 1

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Run Date: DEC 06, 2018 Designation: OR\*3\*453 TEST v9

Package : ORDER ENTRY/RESULTS REPORTING Priority : MANDATORY

Version : 3 Status : UNDER DEVELOPMENT

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Associated patches: (v)OR\*3\*42 <<= must be installed BEFORE `OR\*3\*453'

(u)OR\*3\*397 <<= must be installed BEFORE `OR\*3\*453'

(v)OR\*3\*452 <<= must be installed BEFORE `OR\*3\*453'

(v)OR\*3\*471 <<= must be installed BEFORE `OR\*3\*453'

Subject: Provider Role Tool

Category: ENHANCEMENT

Description:

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The purpose of this patch is to allow an Ordering Provider who is being

given a role change (e.g., transferred to DoD from VA) to have his or her

Patient Orders reassigned permanently to one or more Providers who will

then receive alerts/notifications for those orders as of the transfer

date/time.

A new Provider Utilities GUI tool will be available in CPRS to pull up an

Ordering Provider's Patient Orders for a date range selected by the end

user. Using the GUI tool, the end user will be able to reassign those

Patient Orders to one or more Providers who must be able, at least

generally, to receive alerts/notifications. Only Patient Orders in a

Signed state will be available for selection. See Post Installation

instructions below to see how to set up security for users who need

access to this new tool.

A new "EPRACDT" New Style cross reference (index) has been created to be

able to quickly pull up Order Providers from the ORDER ACTIONS multiple

who are currently responsible for Patient Orders so these can be

reassigned.

Once new Providers have been assigned Patient Orders, the end user can

press the Apply Changes button to actually do the reassignments. Each

Patient Order will report back to the end user Success or Failure of

reassignment. For example, one Failure could occur if a Patient Order is

being edited by another user.

Another new "EPRTRDT" New Style cross reference (index) has been created

to allow a newly assigned Provider's Patient Orders to be reassigned

permanently to a third Provider. This may rarely occur but it is

possible.

Patch Components:

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Files & Fields Associated:

File Name (Number) Field Name (Number) New/Modified/Deleted

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ORDER (100) ORDER TRANSFERS (100.011) New (Multiple)

TRANSFER DATE/TIME (.01) New (Sub-Field)

TRANSFERRED FROM (.02) New (Sub-Field)

TRANSFERRED TO (.03) New (Sub-Field)

TRANSFER USER (.04) New (Sub-Field)

Cross Reference "EPRTRDT" has been created at ORDER level that will index

by TRANSFERRED TO & TRANSFER DATE/TIME sub-fields.

ORDER ACTIONS (100.008) Modified (Multiple)

DATE/TIME ORDERED (.01) Modified (Sub-Field)

PROVIDER (3) Modified (Sub-Field)

Cross Reference "EPRACDT" has been created at ORDER level that will index

by PROVIDER & DATE/TIME ORDERED sub-fields.

Forms Associated:

Form Name File # New/Modified/Deleted

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N/A

Mail Groups Associated:

Mail Group Name New/Modified/Deleted

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N/A

Options Associated:

Option Name Type New/Modified/Deleted

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OR PU GUI Broker New

Protocols Associated:

Protocol Name New/Modified/Deleted

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N/A

Remote Procedures Associated:

RPC Name New/Modified/Deleted

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ORQ3 AUTHUSR New

ORQ3 CHKPATCH New

ORQ3 EN New

ORQ3 XFER New

Security Keys Associated:

Security Key Name

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OR PU ACCESS

Templates Associated:

Template Name Type File Name (Number) New/Modified/Deleted

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N/A

Additional Information:

New Service Requests (NSRs):

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NSR 20130504 created to address Patient Safety Issue described immediately

below.

Patient Safety Issues (PSIs):

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Patient Safety Issue #2083 and Remedy Ticket #514657 are associated with

this request. As regards a provider who had practiced at VA from November

2008 until July 2011, when he became a DoD provider, a surrogate was

assigned for him. The surrogate received notifications for the former

provider as well as notifications for patients the former provider became

responsible for in his new role as a DoD provider who also uses CPRS. When

the surrogacy was removed, the DoD provider received notifications for his

DoD patients and also received notifications for his former VA patients.

When notifications regarding clinical information such as lab values,

cancellation or discontinuation of lab and imaging orders, and update or

cancellation of consults are not directed to the correct provider,

potential exists for abnormal results not being communicated to the new

provider, or not communicated in a timely manner.

Defect Tracking System Ticket(s) & Overview:

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N/A

Test Sites:

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TBD

Software and Documentation Retrieval Instructions:

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Documentation describing the installation for this patch is available.

The preferred method is to retrieve files from :PORT.

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 documentation directly using Secure File

Transfer Protocol (SFTP) from the ANONYMOUS.SOFTWARE directory at the

following OI Field Offices:

Hines: :PORT

Salt Lake City: :PORT

Documentation can also be found on the VA Software Documentation Library

at:

http://:PORT/vdl/

File Name Contents FTP Mode

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TBD

Patch Installation:

Pre/Post Installation Overview:

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Pre-Installation Instructions:

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This patch may be installed with users on the system although it is

recommended that it be installed during non-peak hours to minimize

potential disruption to users. The length of time to install the patch

will depend on the number of ORDER file (#100) ORDER ACTIONS multiple

records that the New Style cross reference (index) "EPRACDT" will have to

create entries for.

Also, this patch is associated with a new Provider Role Change executable.

Please coordinate with the appropriate personnel to ensure the patch and

the executable are installed at the same time.

Installation Instructions:

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1. Load the host file OR\_30\_453.KID using the "Load a Distribution"

option on the VistA XPD Installation Menu.

2. 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:

OR\*3.0\*453

a. 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.

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. Verify Checksums in Transport Global - This option will allow you

to ensure the integrity of the routines that are in the transport

global.

4. From the Installation Menu, select the Install Package(s)

option and choose the patch to install.

5. When prompted 'Want KIDS to Rebuild Menu Trees Upon Completion of

Install? NO//', respond NO

6. When prompted 'Want KIDS to INHIBIT LOGONs during the install?

NO//', respond NO

7. When prompted 'Want to DISABLE Scheduled Options, Menu Options,

and Protocols? NO//', respond NO

8. If prompted 'Delay Install (Minutes): (0 - 60): 0//' respond 0.

Post-Installation Instructions:

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This patch kicks off a Post Install routine to run OR3P453 which will run

a Background Job to create the EPRACDT New Style cross reference along

with the data for this index from the ORDER file (#100). Once it has

finished, it will send a MailMan message indicating so to the installing

user. Users should not install the Provider Role Change GUI unless and

until this Background Job has run to completion. Whoever kicked off the

OR\*3\*453 Install can get the TaskMan job for this Background Job by

looking at the Install File Print for the Install.

The 'EPRACDT' (XREF creation task) can take over 48 hours to complete

when processing large VistA ORDER files (#100). If system load or system

journaling is a concern during the background execution of the job

'EPRACDT' (XREF creation task), that background job can be stopped and

restarted to allow for normal system response times or load balancing.

The following instructions are a condensed version of the more detailed

instructions included in the Patch OR\*3.0\*453 Provider Role Change

Deployment, Installation, Back-out and Rollback Guide. It is highly

recommended you review that document prior to installation for a more

comprehensive understanding of the patch and all of the considerations

that need review prior to the installation of the patch.

Note: The progression status of the 'EPRACDT' (XREF creation task) can be

monitored by requesting IT to run '>D CHECK^OR3P453' the following is an

example of that progression status report:

(Task to Create 'EPRACDT' Begun Aug 10, 2018@09:57:20.

...Currently, 15% of Records have been Processed.)

To STOP the 'EPRACDT' (XREF creation task) requires locating the

background job task number. The 'EPRACDT' background processing Task

number is displayed during patch installation and is also located in the

patch installation log. The following is an example of how the background

task number is reported during patch installation and in the patch

installation log:

(Running Post-Install Routine: POST^OR3P453 Task #2086121 queued to start

Aug 10, 2018@09:57:20)

If you need to STOP the background 'EPRACDT' task have your IT access the

TBOX User's Toolbox [XUSERTOOLS] menu option located on the EVE Systems

Manager Menu. When prompted for the task number enter it, then use the

Stop Task menu option, this will stop the 'EPRACDT' task (which can be

restarted again). To verify that the 'EPRACDT' task has been shut down

use the Display status option which should confirm the system received

the shutdown request.

To RESTART the 'EPRACDT' (XREF creation task) request IT to run '>D

POST^OR3P453' which will schedule a background task (with a NEW Task

number) that will continue processing from the point when it was

previously shut down and continue processing until completion unless the

processing is stopped again.

In order for a specific user to have access to the new Provider Role

Change menu option off the Tools menu, appropriate Site IT personnel

should assign appropriate CAC users the new SECURITY KEY called OR PU

ACCESS along with, within VistA, going into GENERAL PARAMETER TOOLS off

the VistA menu, followed by choosing the EP (Edit Parameter Values)

Option, followed by choosing ORWT TOOLS MENU when the system asks for

PARAMETER DEFINITION NAME, followed by choosing what personnel should

have access. If Site IT personnel, for example, chooses 1 User USR

[choose from NEW PERSON], then enters an appropriate CAC user name, then

enter the Sequence number, then the Name=Command will be asked. At this

prompt, enter something similar to the following: Provider Role Change=

C:\Program Files\VISTA\ProviderUtilities.exe S=%SRV P=%PORT

Which in this example assumes you are putting the new executable into

your local C:\Program Files\VISTA directory.

Ensure that CPRS launches correctly with the new Provider Role Change

option available off the Tools menu within CPRS to reassign the patient

orders of an Ordering Provider who is changing roles (e.g., being

transferred from VA to DoD) to one or more Providers as of a certain

date/time so that from that point forward that Provider or those Providers

will receive alerts/notifications for the orders.

This new Provider Role Change option should not launch within CPRS if this

patch has not yet been installed.

Back-out, Rollback Strategy:

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If there is a catastrophic failure and you are instructed to back-out and

rollback the installation of OR\*3\*453, you will need to do the following

steps below; it is recommended that the steps be followed in the exact

order shown.

1. Remove any records within ORWT TOOLS MENU which have

ProviderUtilities.exe associated therewith.

2. Remove the OR PU GUI VistA option associated with this patch.

3. Remove the SECURITY KEY called OR PU ACCESS which should eliminate any

pointers to it within the NEW PERSON file.

4. Remove all RPCs associated with this patch, namely, ORQ3 AUTHUSR, ORQ3

CHKPATCH, ORQ3 EN, & ORQ3 XFER.

5. Return the state of edited routines associated with this patch to the

state they were in prior to the install of OR\*3\*453 by restoring the

routines from the MailMan message saved in 2a of the Installation

Instructions. Delete OR3P453 & ORQ3 routines which are introduced by this

patch.

6. Utilize FileMan Utilities to Delete the two New Style Cross-References

(indices) associated with this patch, namely "EPRACDT" & "EPRTRDT".

7. Using FileMan again, remove the ORDER TRANSFERS multiple Data

Dictionary definition which should allow any ORDER TRANSFERS multiple data

for reassignments to be removed also. Note, before you remove this

multiple, you should obtain a list of Order #'s where the Order has been

Transferred.

8. Using the list of Order #'s from Step 7 above, any Providers who may

have received Alerts/Notifications for a Provider that transferred may

wish to dispatch those alerts somehow.

Routine Information:

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

;;3.0;ORDER ENTRY/RESULTS REPORTING;\*\*[Patch List]\*\*;Dec 17, 1997;Build 21

The checksums below are new checksums, and

can be checked with CHECK1^XTSUMBLD.

Routine Name: OR3P453

Before: n/a After: B38226997 \*\*453\*\*

Routine Name: ORB3

Before:B141411958 After:B149949704 \*\*31,74,91,105,139,190,220,253,

265,296,348,350,452,453\*\*

Routine Name: ORCSAVE

Before:B127544119 After:B136792467 \*\*7,56,70,73,92,94,116,141,163,

187,190,195,243,303,293,280,

306,286,269,423,421,382,397,

453\*\*

Routine Name: ORELR5

Before: B25558758 After: B27530747 \*\*42,453\*\*

Routine Name: ORQ2

Before: B62428335 After: B69326826 \*\*12,56,75,94,141,213,195,243,

282,293,280,346,361,471,453\*\*

Routine Name: ORQ3

Before: n/a After: B26136905 \*\*453\*\*

Routine list of preceding patches: 42, 397, 452, 471