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Run Date: AUG 27, 2021 Designation: XWB\*1.1\*73 TEST v2

Package : RPC BROKER Priority : MANDATORY

Version : 1.1 Status : UNDER DEVELOPMENT

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Subject: USER DIVISION, CERTIFICATE SELECTION AND OTHER FIXES

Category: INFORMATIONAL

ENHANCEMENT

Description:

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Patch XWB\*1.1\*73 RPC Broker Development Kit (BDK) with support for Delphi

XE8, 10, 10.1, 10.2, 10.3, and 10.4

Patch XWB\*1.1\*73 corrects the following issue:

o When a user assigned more than one division in VistA selects the

division they will be working in the Brokerx.User.Division field is

populated with the selected division, however, the division is only

identified by its number, the correct return should be

IEN^SITENAME^SITEID, this patch ensures the data placed into the

Brokerx.User.Division field is correctly formatted.

o Users are reporting that the default certificate for connection to

VistA is not correct. Patches XWB\*1.1\*71 and XWB\*1.1\*72 addressed

certificate processing, however, the user would have to ensure they

were selecting the correct certificate from the list presented. This

causes confusion if the list presented does not default to the

certificate used for authenticating to VistA. This patch has

redesigned the method of certificate processing, selecting the user's

Authentication certificate automatically, eliminating the need for the

user to select from a list of certificates.

o A new property has been added to the TRPCBroker component, the

property, named ShowCertDialog, is of type Boolean and defaults to

False. If set to true, either at design time or at run time, the

user will be prompted to select a certificate rather than one being

auto-selected. This was requested considering the auto-selection

process, many applications have various components which require

different user attributes to successfully test, this new property

affords the software developer with the ability to show the

selection dialog to the user who can cancel it and be presented

with the Access/Verify code dialog.

Backward Compatibility

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Patch XWB\*1.1\*73 is built on top of and includes all the BDK Delphi

code of patch XWB\*1.1\*72, except for the changes described above.

Applications compiled with this version of the BDK will automatically

incorporate these fixes into their applications.

Distribution and Installation

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There is no action for VHA sites required by this patch. This patch is

Programmer-Only Client-Only. There is no server side (VistA PackMan or

KIDS) part to the patch. There are no client side (Windows executable)

programs for VHA production workstations. The patch is intended for

Delphi/RAD Studio developer client workstations only.

The BDK Delphi code is distributed as a zip file (XWB\_1\_1\_P73.zip) on the

anonymous directory sites. The zip file is intended for Delphi GUI

application developers only. It contains all the source code and

instructions for compiling and installing for Delphi XE8, 10, 10.1,

10.2, 10.3, and 10.4, as well as a few sample programs. The installation

of the BDK requires less than 30 Megabytes of disk space on a workstation.

Patch Components

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Files & Fields Associated:

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Forms Associated:

Form Name Type New/Modified/Deleted

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N/A

Options Associated:

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Option Name Type New/Modified/Deleted

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N/A

Protocols Associated:

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N/A

Security Keys Associated:

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N/A

Templates Associated:

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

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N/A

Remote Procedure Calls Associated:

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RPC Name Type New/Modified/Deleted

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New Service Requests (NSRs)

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N/A

Patient Safety Issues (PSIs)

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N/A

SDM Ticket(s) & Overview

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Test Sites: (Patch Tracking Message #N/A)

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Field test waiver: No field testable components included in patch.

Patch Installation:

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Pre-Installation Instructions

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There are no pre-installation steps associated with patch XWB\*1.1\*73

Software and Documentation Retrieval Instructions:

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The software for this patch is being released using

a host file.

The host file is available at the following location:

https://download.vista.med.va.gov/index.html/SOFTWARE/XWB\_1\_1\_P73.ZIP

The install README file is available at the following location:

https://download.vista.med.va.gov/index.html/SOFTWARE/

XWB\_1\_1\_P73\_README.TXT

Documentation describing the new functionality is included in

this release. Documentation can be found on the VA Software

Documentation Library at:

https://www.va.gov/vdl/application.asp?appid=23

The files containing the updated RPC Broker documentation may also be

downloaded from the following location.

https://redacted

RPC Broker Readme File (XWB\_1\_1\_P73\_README.TXT)

RPC Broker Release Notes (XWB\_1\_1\_RN.DOCX/.PDF)

RPC Broker Patch XWB\*1.1\*71 Deployment, Installation,

Back-Out, and Rollback (DIBR) Guide (XWB\_1\_1\_DIBRG.DOCX/.PDF)

RPC Broker Developer's Guide (XWB\_1\_1\_DG.DOCX/.PDF)

RPC Broker Online Help File (BROKER\_1\_1.CHM)

RPC Broker Systems Management Guide (XWB\_1\_1\_SM.DOCX/.PDF)

RPC Broker User Guide (XWB\_1\_1\_UG.DOCX/.PDF)

RPC Broker Technical Manual (XWB\_1\_1\_TM.DOCX/.PDF)

NOTE: VistA documentation is made available online in Microsoft Word

format (.DOC) and Adobe Acrobat Portable Document Format (.PDF).

Documentation contained in the XWB\_1\_1\_P73\_README.txt file contains

updated instructions for installing the RPC Broker BDK.

Routine Information:

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No routines included.

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User Information:

Entered By : redacted Date Entered : APR 8,2021

Completed By: Date Completed:

Released By : Date Released :

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