**SD\*5.3\*703 – Component IntegrationTesting**

Description: This Test Script document lists the steps for Functional Testing of the EPIP patch SD\*5.3\*703 which includes the following three New Service Requests (NSRs):

1. **NSR20180330** - Remove Full SSN from Appointment List - The national patient Appointment List [SDLIST] displays the patient's full nine digits of their Social Security Number. Patient Appointment lists are printed in clinics and outpatient areas daily. This modification replaces the entire Social Security Number (nine digits) from the Appointment List with only the last four digits of the patient's Social Security Number.
2. **NSR20180328** - Stop Code added to Canceled Clinic Report - The Cancelled Clinic Report [SDAM CANCELLED CLINIC RPT] is used to provide data on clinics that have been cancelled. A column was added to the Cancelled Clinic Report to provide the Stop Code of the clinic, which identifies the specialty or service.
3. **NSR20180316** - SSN REDUCTION - Clinic Availability Report - The Social Security Number was being displayed on the Display Clinic Availability Report [SD DISPLAY AVAIL REPORT] so to protect a patient's full Social Security Number from being viewed a change was made to only display last four digits of the Social Security Number.

**Note to IOC Test Sites:**

These test scripts were executed in the SQA test environment and are meant as a guideline for IOC testing. You may experience a slight difference in system responses when executing the test scripts due to your site’s test environment, VistA configuration, and/or test data. Please be sure to consider your site’s configuration and workflow as you execute this test script, and adjust accordingly.

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| Date Performed: |  | Tester: |  |

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| Instructions/Descriptions/Expected Results | Pass/  Fail |
| 1. Test Script for NSR20180330 - Remove Full SSN from Appointment.   Manual Steps – Ensure that OIT has installed Patch SD\*5.3\*703 prior to executing this test steps. | |
| **Step 1**  **Execution Step**  Prerequisites:   1. In the account where the testing will be done the user must have access to VistA and access to the Scheduling Menu [SDUSER] menu option or have it assign to him or her by OIT. 2. The user should ensure there is patient data for the three reports explained above which will be tested. 3. The three NSRs test cases have no dependencies on each other and can be executed separately or one after the other. However, Step 1 and 2 are the same for all three NSRs. |  |
| **Step 2**  **Execution Step**  Description  Log into VistA as you typically do. Depending on the user’s setup the signon and resulting menu display may be different. The user should navigate as appropriate in their account to the Scheduling Menu [SDUSER] menu option and then chose the Output Menu item.  Expected Results:  The two Menu Options are displayed as show below.  Select OPTION NAME: **SCHEDULING MENU** SDUSER Scheduling Menu  Appointment Menu ...  Outputs ...  Select Scheduling Menu <TEST ACCOUNT> Option: **outputs**  Appointment List  Appointment Management Report  Cancelled Clinic Report  Clinic Assignment Listing  Clinic List (Day of Week)  Clinic Next Available Appt. Monitoring Report  Clinic Profile  Display Clinic Availability Report  Enrollments > X Days  File Room List  Future Appointments for Inpatients  Inpatient Appointment List  Management Report for Ambulatory Procedures  No-Show Report  Patient Profile MAS  PCMM Main Menu ...  Print Scheduling Letters  Provider/Diagnosis Report  Radiology Pull List  Routing Slips  Visit Rpt by Transmitted OPT Encounter  Workload Report  Select Outputs <TEST ACCOUNT> Option: |  |
| **Step 3**  **Execution Step**  Description  Select the "Appointment List" option on the Output Menu by typing “Appointment List”.  Expected Results  The "Select division: ALL// " prompt is displayed as show below.  Select Outputs <TEST ACCOUNT> Option: Appointment List SDLIST Appointment List  Appointment List  Select division: ALL// |  |
| **Step 4**  **Execution Step**  Description  At the following prompts entered the following:  Select division: ALL// **🡨Push the return key to select the default value and move to next prompt.**  Count, Non Count, or Both: C// **🡨Enter “B” to select both count and non count and then push the return key to move to next prompt.**  Select clinic: ALL// **🡨Push the return key to select the default value and move to next prompt.**  For date: **🡨Enter a date when there are Patient Appointments in the system then push the return key to move to next prompt.**  Include Primary Care assignment information in the output? NO// **🡨Push the return key to select the default value and move to next prompt.**  Number of copies: 1// **🡨Push the return key to select the default value and move to next prompt.**  DEVICE: HOME// **🡨Push the return key to select the default value to display the out to the screen. Alternatively, the user could enter a device to which they want the out printed.**  Expected Results  The following prompts are displayed and the user is allowed to select a choice at each one.  Select division: ALL//  Count, Non Count, or Both: C//**B**  Select clinic: ALL//  For date: **9/18/2018** (SEP 18, 2018)  Include Primary Care assignment information in the output? NO//  Number of copies: 1//  DEVICE: HOME// Linux Telnet / SSH |  |
| **Step 5**  **Execution Step**  Description  The Appointment List is displayed. Please note in this Test Script instance there is only one patient. Your results will be based on the data in your VistA Account and there may be many entries.  Expected Results  The Appointment List is displayed. An example follows:  Appointments for MIKE'S MEDICAL CLINIC clinic on TUESDAY SEP 18, 2018  Date printed: SEP 19,2018@08:56 Page: 1  Appt. Patient Name **SSN** Lab X-Ray EKG  Time Time Time Time  Other Information Ward Location  Room-Bed  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  9:00 AM  DANPATNM,RODNEY **0128**  PATIENT HAS BEEN ENROLLED IN MIKE'S MEDICAL CLINIC  FOR MORE THAN 1 YEAR, PLEASE RE-EVALUATE  Phone #: 518-472-3567  Means Test: \*\* REQUIRED \*\* Last Test: 02/16/2018 |  |
| **Step 6**  **Verify Step**  Description  Verify that the SSN for all patients in Step 5 are only the last 4 digits of the SSN versus the entire 9 digits SSN. The SSN is displayed on the same line as and following the Patient Name. |  |
| **Step 7**  **Conclusion for this Test Script**  Description  After the display of all the Appointment Lists data the user may push enter and return to the Output Menu option to select another report or end their testing session. |  |
| 1. **Test Script for NSR20180328 - Stop Code added to Canceled Clinic Report**.   Manual Steps - Ensure that OIT has installed Patch SD\*5.3\*703 prior to executing this test steps.  **Note; If the user continues with this test script immediately after completing Step 7 in the previous Test Script, he/she can skip to Step 3** | |
| **Step 1**  **Execution Step**  Prerequisites:   1. In the account where the testing will be done the user must have access to VistA and access to the Scheduling Menu [SDUSER] menu option or have it assign to him or her by OIT. 2. The user should ensure there is patient data for the three reports explained above which will be tested. 3. The three NSRs test cases have no dependencies on each other and can be executed separately or one after the other. However, Step 1 and 2 are the same for all three NSRs. |  |
| **Step 2**  **Execution Step**  Description  Log into VistA as you typically do. Depending on the user’s setup the signon and resulting menu display may be different. The user should navigate as appropriate in their account to the Scheduling Menu [SDUSER] menu option and then chose the Output Menu item.  Expected Results:  The two Menu Options are displayed as show below.  Select OPTION NAME: **SCHEDULING MENU** SDUSER Scheduling Menu  Appointment Menu ...  Outputs ...  You've got PRIORITY mail!  Select Scheduling Menu <TEST ACCOUNT> Option: **outputs**  Appointment List  Appointment Management Report  Cancelled Clinic Report  Clinic Assignment Listing  Clinic List (Day of Week)  Clinic Next Available Appt. Monitoring Report  Clinic Profile  Display Clinic Availability Report  Enrollments > X Days  File Room List  Future Appointments for Inpatients  Inpatient Appointment List  Management Report for Ambulatory Procedures  No-Show Report  Patient Profile MAS  PCMM Main Menu ...  Print Scheduling Letters  Provider/Diagnosis Report  Radiology Pull List  Routing Slips  Visit Rpt by Transmitted OPT Encounter  Workload Report  Press 'RETURN' to continue, '^' to stop:  You've got PRIORITY mail!  Select Outputs <TEST ACCOUNT> Option: |  |
| **Step 3**  **Execution Step**  Description  Select the "Cancelled Clinic Report" option on the Output Menu by typing “Cancelled Clinic Report”.  Expected Results  The Cancelled Clinic Report "Select Beginning Date:" prompt is displayed as show below.  Select Outputs <TEST ACCOUNT> Option: Cancelled Clinic Report  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date Range Selection \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Select Beginning Date: |  |
| **Step 4**  **Execution Step**  Description  At the following prompts entered the following:  Select Beginning Date: **🡨Enter the start date from which you want to get Cancelled Clinic Data then push the return key to move to next prompt.**  Select Ending Date: **🡨Enter the ending date to which you want to get Cancelled Clinic Data then push the return key to move to next prompt.**  Select Report Format: Summary// Detail **🡨Enter 2 or DETAIL and then push the return key to move to next prompt.**  Select division: ALL// **🡨Enter the start date for when you want to get Cancelled Clinic Data then push the return key to move to next prompt.**  Select clinic: ALL// **🡨Push the return key to select the default value and move to next prompt.**  Continue? YES// **🡨Push the return key to select the default value and move to next prompt.**  DEVICE: HOME// **🡨 Enter “;132;60” and push the return key to display the output to the screen. Alternatively, the user could enter a device to which they want the out printed. For best result you should either set your screen display from 80 characters to 132 characters prior to pushing return at this prompt or chose a printer which prints 132 columns.**  Expected Results  The following prompts are displayed and the user is allowed to select a choice at each one.  Select Beginning Date: **1/1/2018** (JAN 01, 2018)  Select Ending Date: **T** (SEP 18, 2018)  Select one of the following:  1 Summary  2 Detail  Select Report Format: Summary// **Detail**  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Division Selection \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Select division: ALL//  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Clinic Selection \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Select clinic: ALL//  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Report Specifications \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Encounter Dates: 01/01/18 to 08/18/18  Report Format: Appointment Clinics  Divisions Clinics  --------- ----------  All All  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Continue? YES//  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Device Selection \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  This output requires 132 columns.  DEVICE: HOME// **;132;60** Linux Telnet / SSH  ...SORRY, THIS MAY TAKE A FEW MOMENTS... |  |
| **Step 5**  **Execution Step**  Description  The Cancelled Clinic Report is displayed or printed depending on what you chose for the output device. Please note in this instance there are 3 patients and the number of patients and data in the report will be different based on the data in your VistA Account.  Expected Results  The Cancelled Clinic Report is displayed. An example follows:  Cancelled Clinic Report - Detail  Date Range: 01/01/18 to 09/18/18  Run Date: 09/18/18@15:22  Page: 1  Division  ----------------------------------------------------------------------------------------------------------------------------------  Status Patient SSN Appt Date Clinic  **STOP** Cancel Date User  ----------------------------------------------------------------------------------------------------------------------------------  TROY  C SCOPATNM,OUTPATIENT 0708 5/12/18@12:00 MIKES MENTAL CLINIC  **531** 5/12/18@10:07 SCOTT,JEAN M  SUBTOTAL: 1  PC HACPATNM,COMPUTER 0298 2/4/18@08:00 MENTAL HYGIENE-OPC  **502** 2/3/18@10:10 OCONNELL,TOM  SUBTOTAL: 1  PCA DANPATNM,RODNEY 0128 1/27/18@09:00 MIKES MENTAL CLINIC  **531** 1/26/18@09:36 SCOTT,JEAN M  SUBTOTAL: 1  TOTAL CANCELLATIONS: 3  End of Report! |  |
| **Step 6**  **Verify Step**  Description  Verify that there is a column header “STOP” and that the corresponding Clinic’s Stop Code is displayed for each patient in the column underneath it. |  |
| **Step 7**  **Conclusion for this Test Script**  **Description –**  After the display of all the Appointment Lists data the user may push enter and return to the Output Menu option to select another report. |  |
| 1. **Test Script for NSR20180316 - SSN REDUCTION - Clinic Availability Report**   Manual Steps - Ensure that OIT has installed Patch SD\*5.3\*703 prior to executing this test steps.  **Note; If the user continues with this test script immediately after completing Step 7 in the previous Test Script, he/she can skip to Step 3** | |
| **Step 1**  **Execution Step**  Prerequisites:   1. In the account where the testing will be done the user must have access to VistA and access to the Scheduling Menu [SDUSER] menu option or have it assign to him or her by OIT. 2. The user should ensure there is patient data for the three reports explained above which will be tested. 3. The three NSRs test cases have no dependencies on each other and can be executed separately or one after the other. However, Step 1 and 2 are the same for all three NSRs. |  |
| **Step 2**  **Execution Step**  Description  Log into VistA as you typically do. Depending on the user’s setup the signon and resulting menu display may be different. The user should navigate as appropriate in their account to the Scheduling Menu [SDUSER] menu option and then chose the Output Menu item.  Expected Results:  The two Menu Options are displayed as show below.  Select OPTION NAME: **SCHEDULING MENU** SDUSER Scheduling Menu  Appointment Menu ...  Outputs ...  You've got PRIORITY mail!  Select Scheduling Menu <TEST ACCOUNT> Option: **outputs**  Appointment List  Appointment Management Report  Cancelled Clinic Report  Clinic Assignment Listing  Clinic List (Day of Week)  Clinic Next Available Appt. Monitoring Report  Clinic Profile  Display Clinic Availability Report  Enrollments > X Days  File Room List  Future Appointments for Inpatients  Inpatient Appointment List  Management Report for Ambulatory Procedures  No-Show Report  Patient Profile MAS  PCMM Main Menu ...  Print Scheduling Letters  Provider/Diagnosis Report  Radiology Pull List  Routing Slips  Visit Rpt by Transmitted OPT Encounter  Workload Report  Press 'RETURN' to continue, '^' to stop:  You've got PRIORITY mail!   1. Select Outputs <TEST ACCOUNT> Option: |  |
| **Step 3**  **Execution Step**  Description  Select the "Display Clinic Availability Report" option on the Output Menu by typing “Display Clinic Availability Report”.  Expected Results  The "Select division: ALL//” prompt is displayed as show below.  Select Outputs <TEST ACCOUNT> Option: Display Clinic Availability Report  Select division: ALL// |  |
| **Step 4**  **Execution Step**  Description  At the following prompts entered the following:  Select division: ALL// **🡨Push the return key to select the default value and move to next prompt.**  Select clinic: ALL// **🡨Enter the Name of a Clinic you would like to get Clinic Availability Data and then push the return key to move to next prompt.**  Select another clinic: **🡨If desired you may enter one or more additional Clinics you would like to get Clinic Availability Data and then push the return key after each entered Clinic Name. Once you have entered each clinic for which you want data, push the return to move to next prompt.**  Beginning DATE : **🡨Enter the start date from which you want to get Clinic Availability Data then push the return key to move to next prompt.**  Ending DATE : **🡨Enter the ending date to which you want to get Clinic Data then push the return key to move to next prompt.**  INCLUDE CANCELLATIONS AND/OR NO-SHOWS? No// **🡨Enter “Y” and then push the return key to move to next prompt.**  DEVICE: HOME// **🡨 Push the return key to display the output to the screen. Alternatively, the user could enter a device to which they want the out printed.**  Expected Results  The following prompts are displayed and the user is allowed to select a choice at each one.  Select division: ALL//  Select clinic: ALL// DIABETIC  Select another clinic:  \*\*\*\* Date Range Selection \*\*\*  Beginning DATE : 0701 (JUL 01, 2018)  Ending DATE : 0731 (JUL 31, 2018)  INCLUDE CANCELLATIONS AND/OR NO-SHOWS? No// Y (Yes)  DEVICE: HOME// Linux Telnet / SSH |  |
| **Step 5**  **Execution Step**  Description  The “Display Clinic Availability Report” is displayed or printed depending on what you chose for the output device. At the “PRESS RETURN TO CONTINUE OR ^ TO QUIT” prompt the user will need to press return to continue to the next screen.  Please note the clinics, number of patients and data in the report will be different based on the data in your VistA Account.  Expected Results  The Display Clinic Availability Report is displayed. An example follows:  JUL 26,2018@13:02  TROY  DIABETIC  JULY 2018  TIME |8 |9 |10 |11 |12 |1 |2 |3 |4  DATE | | | | | | | | |  TU 03 [2] [2] [2] [2]  TU 10 [2] [2] [2] [2]  TU 17 [2] [2] [2] [2]  TU 24 [0] [1] [0] [2]  TU 31 [2] [2] [2] [2]  FOR CLINIC AVAILABILITY PATTERNS:  0-9 and j-z --denote available slots where j=10,k=11...z=26  A-W --denote overbooks with A being the first slot to be overbooked  and B being the second for that same time, etc.  \*,$,!,@,# --denote overbooks or appts. that fall outside of a clinic's  regular hours  DIABETIC  JULY 2018  TUESDAY JUL 24,2018  8:00 AM AARPATNM,EUGENE \*\*\*\*\*0434 (30) MINUTES  8:00 AM TEST,HERRING \*\*\*\*\*4433 (30) MINUTES  8:30 AM AGAPATNM,SC PATIENT \*\*\*\*\*0702 (30) MINUTES  9:00 AM AGAPATNM,TRANSFER \*\*\*\*\*0366 (30) MINUTES  9:00 AM TESTYPATNM,TEST \*\*\*\*\*0423 (30) MINUTES  PRESS RETURN TO CONTINUE OR ^ TO QUIT  DIABETIC  JULY 2018  FOR INDIVIDUAL APPOINTMENT LISTINGS:  \* --APPTS CANCELLED WHEN CLINIC WAS  CANCELLED  \*\* --NO-SHOW  \*\*\* --UNSCHEDULED VISIT  JUL 26,2018@13:02 |  |
| **Step 6**  **Verify Step**  Description  Verify that after each Patient’s name the SSN is displayed with the first 5 digits masked with asterisks (e.g. \*\*\*\*\*0434). |  |
| **Step 7**  **Conclusion for this Test Script**  **Description –**  After the display of all the Clinic Availability data the user may push enter and return to the Output Menu option to select another report. |  |