

VDEF HDR Setup Checklist

| ACTIVITY | STATUS | RESPONSIBLE | COMMENTS |
|---|--------|-------------|---|
| <p>1. Activating VistA Data Extraction Framework (VDEF) for HDR - There are several steps involved in activating VDEF once it has been installed before any data will flow from an application trigger event through VDEF and the HL7 package and out to the local Interface Engine (IE). These steps are:</p> | | IRM | Make sure Mailman Site Parameters are set to the right time zone. |
| <p>A. Configuring and starting the VDEF HL7 logical links: This step establishes the TCP connection between VistA and the local Interface Engine using the VDEF links. VDEF document (§ 3.3). All of the VDEFVIE_n links need to be modified to match site-specific parameters.</p> | | | |
| <p>1) Using the menu option HL EDIT LOGICAL LINKS, select Logical Link VDEFVIE1.</p> | | | |
| <p>a) On the first screen, change AUTOSTART to Enabled.</p> | | | |
| <p>(1) Next, move the cursor to the field LLP TYPE and press Enter. This will present the second screen.</p> | | | |
| <p>(2) In the TCP LOWER LEVEL PARAMETERS screen, you will need to change the value of the "TCP/IP ADDRESS" parameter on the HL7 LOGICAL LINK TCP LOWER LEVEL PARAMETERS sub-screen to the Internet Protocol (IP) address of the local interface engine at your site. The address will be provided by your site's IE Manager. The links are sent with the default settings. These settings should be correct for your site. However, you will need to add the TCP/IP port number. Get the correct value from your site's IE manager.</p> | | | |

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| <p>b) After you have filed the changes for VDEFVIE1, repeat the same changes for logical links VDEFVIE2 through VDEFVIE_n</p> | | | |
| <p>2) Starting VISTA HL7 Logical Links</p> | | | |
| <p>a) Before data can be transmitted over the VDEFVIE_n logical links, the link definitions should be edited. Ensure that you have configured the link definitions as described above (§ 3.2).</p> | | | |
| <p>b) At this point you may turn on the new VDEFVIE_n logical links by using the menu option START/STOP LINKS [HL START] and starting them in “B”ackground mode. Ensure that the VistA HL7 Link Manager is running, because VDEF messaging will not be able to take place without it. The current status of the Link Manager can be checked and started if necessary by accessing the menu option HL START/STOP LINK MANAGER.</p> | | | |
| <p>B. Activating the VDEF Requestor: This step turns on the basic VDEF process that accepts a request from an application trigger event and stores it in the VDEF queue. If the VDEF Requestor is inactive, no requests from any application will be saved in the VDEF Request Queue. NOTE: In addition, for a request to be stored in the VDEF Request Queue, the Custodial Package and VDEF Event API associated with the application’s trigger must be activated.</p> | | | |
| <p>1) Select VDEF Configuration and Status Option: Activate/Inactivate Requestor</p> | | | |
| <p>a) Select Requestor: MAINTENANCE</p> | | | |
| <p>b) REQUESTOR ACTIVATION FLAG: INACTIVE// A(ctive)</p> | | | |

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| <p>(1) Note: Inactivating a requestor has a significant effect on the synchronization of VistA and remote system(s). All VDEF requests made while the requestor is inactive will be PERMANENTLY lost. Make sure you really want to turn it off.</p> | | | |
| <p>C. Starting the VDEF Request Queue Processor: This step turns on the process that allows VDEF to remove a record from the VDEF Configuration and Status Option - VDEF Request Queue and create and send a message to the VistA HL7 logical link associated with the message. VDEF document (§ 4.4)</p> | | | |
| <p>1) Menu Option: VDEF SUSPEND/RUN REQUEST QUEUE and change the value of the SUSPENDED FLAG field for the defined VDEF Request Queues (at this time "MAINTENANCE") from "S"USPENDEED to "R"UNNING.</p> | | | |
| <p>D. Activating the Custodial Packages: Each application's trigger software (not part of the VDEF install) is associated with a Custodial Package. In order for VDEF to save requests from an application, its Custodial Package must be activated in VDEF documentation (§ 4.5)</p> | | | |
| <p>1) Menu Path: VDEF Custodial Package Activate/Inactivate a) Select Custodial Package: ? b) Answer with VDEF CUSTODIAL PACKAGE c) Choose from: (1) OUTPATIENT PHARMACY (2) ADVERSE REACTION TRACKING (3) GEN. MED. REC. - VITALS d) ACTIVATION STATUS: INACTIVE//A(ctive)</p> | | | |
| <p>E. Activating the VDEF Event APIs: Each application's trigger</p> | | | |

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| <p>software (not part of the VDEF install) is associated with a specific type of HL7 message. In order for VDEF to save requests for a message type, its VDEF Event API must be activated in VDEF. VDEF document (§ 4.6)</p> | | | |
| <p>1) Select VDEF Configuration and Status Option: API VDEF Event API Activate/Inactivate (1) Select VDEF API Event: (2) Enter “?” for a list of VDEF API Events (3) ORU-R01-VTLS PATIENT VITALS (a) Status ACTIVE (b) Pkg: GEN. MED. REC. – VITALS b) API EVENT ACTIVE FLAG: INACTIVE// A(ctive)</p> | | | |
| <p>F. Modifying Scheduled Startup Options.</p> | | | |
| <p>1) Use TaskMan and schedule VDEF STARTUP OPTION RESCHEDULING FREQUENCY, enter “300S” (300 seconds). Do not enter “5M” because that is 5 MONTHS. In the last field on the screen, SPECIAL QUEUING, enter “SP” (startup persistent) as the field’s value, and file the data.</p> | | | |
| <p>2) WARNING No messages will flow out of VDEF to the local interface engine until ALL the above steps have been completed.</p> | | | |
| <p>2. Compare the following MENU OPTIONS defaults: SITE-WIDE PARAMATER & REQUEST QUEUE PARAMETERS within VDEF CONFIGURATION & STATUS OPTION</p> | | | |