

DI 3.1 to WDI 3.2 for zOS Migration Questions  
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	Question	Answer
1	Are there any software updates that need to be made in preparation for migrating from DI 3.1 to WDI 3.2?	<p>WDI for zOS runs on zOS version 1 or later with Transaction Server (CICS) for OS/390 version 1.3 or later, or Transaction Server for zOS Version 2.2, DB2 for MVS or OS/390 version 7, MQSeries version 5.3, and XML Toolkit version 1.4.</p> <p>IBM Expedite/Base or Expedite/CICS is needed for IBM VAN (Information Exchange) connection. MQSeries is not needed if you are not using it. Same is true for Expedite, and CICS.</p>
2	What objects get migrated going from DI 3.1 to WDI 3.2?	<p>All Meta data objects (standards, data formats, and maps) get converted and migrated. Profiles get migrated as do control strings. Operational data does not get migrated.</p>
3	What will my Host maps look like after migration?	<p>Host maps are Send/Receive maps in the WDI 3.2 product. They are visible using the WDI 3.2 Client. In the DI 3.1 Client, there was but one tab for maps. All maps were shown on this tab, and a TYPE of S or R was also displayed. In WDI 3.2, there are a number of "Map types" - including Data Transformation, Functional Acknowledgment, Validation, Send and Receive. The converted "host" maps of DI 3.1 will show in the Send and Receive tabs of WDI 3.2 Client.</p>
4	Will all my DI 3.1 objects get moved to WDI 3.2?	<p>Yes, however, the installation process moves Profiles, Maps, ADFs, Standards, Control Strings, and Usages. Transaction Store data and Management Reporting data are not migrated. In addition, some standards are not migrated, but replaced with equivalent standards - called "client standards". In DI 3.1 the standards host database had limited capability. Converting host standards didn't bring in all the data that the 3.1 Client standards had. The installation process replaces identically named "host" standards with their client counterpart.</p>

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5	What is the format in which the migrated objects will appear?	After installation, all 3.1 objects will appear in the WDI 3.2 Client object lists.
6	How is migration accomplished?	<p>Migration is a set of steps in the Installation procedure. The migration is accomplished via WDI Export and Import facilities. The database of DI 3.1 is exported to a tagged file by object type (all standards, then all ADFs, etc.). Then the files are Imported into the WDI 3.2 tables. A conversion flag (new in WDI 3.2) is used to convert “host” format objects to the common database structure of WDI 3.2. This common database structure is similar to the DI 3.1 “client” format. The conversion process that existed in the DI 3.1 Client was placed inside the Import facility to allow this to occur for Standards, ADFs, and Maps.</p> <p>See also the response to the question “What’s the difference between Release Migration on the WDI Client and the installation migration jobs?”</p>
7	Do I need to test the migrated objects?	<p>Absolutely. There are two types of tests that could be run. One, since WDI migrates control strings as is, and WDI 3.2 runs using DI 3.1 control strings, a test of the translator after conversion should yield the same results. Two, since the Host based maps of DI 3.1 are converted to “client format” maps in WDI 3.2, a recompilation of the map should yield a different control string - but provide the same results.</p>

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8	How long will the migration take?	The migration period depends on the number of objects being migrated as well as the degree of migration tests that is required by the organization. Experience from the customers who have already migrated shows that migration can be as short as 2 days although a week is more likely in most cases. The actual length of most installation jobs is short. The data conversions job steps are the longest. Transaction Server (CICS) implementation requires additional steps and would take longer. Testing the migration is additional to the effort to install.
9	How long will it take me to learn WDI 3.2?	IBM offers education on WebSphere DI V3.2, please refer to the product web site for the details. The WebSphere DI Client is easily learned and can quickly be picked up. Mapping techniques are transferable to the any-to-any mapper. The DI 3.1 Client Send / Receive mapper is also available for Send / Receive maps brought from DI 3.1.
10	What new features will be available after migration?	The WDI 3.2 Client offers any-to-any mapping (e.g. EDI->XML), and a much more visible way of viewing and maintaining data. Most functions are now in the client. The Host interface only supports Event Log, Transaction Store and Utility functions.
11	Do I need a hardware upgrade to handle WDI 3.2?	On the mainframe it is most likely that your existing system will not require an upgrade. However, it is recommended that you refer to the product documentation. The resource requirements for the Windows based platform depends on whether mapping is to be performed. Mapping machines perform better with additional memory and power. Administrative functions don't require as much machine resource.
12	Is VSAM support in WDI 3.2?	VSAM is not supported in WDI 3.2. The import processing in the installation steps will take the data from the VSAM files of 3.1 and import it into DB2 Tables of WDI 3.2.

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13	What do all the map types mean on the Mapping Object window of the client?	Data Transformation maps are the collection of the new any-to-any maps. Objects would appear in this tab only if coming from version 4.1. Functional Acknowledgment maps are provided with the base product and represent various forms in which "FAs" can be reproduced. Validation Maps are new in WDI 3.2. These maps are used to provide application level validation of data - above the EDI standard compliance checking. These can be used to implement Industry specific validation, as in HIPAA or EANCOM. Send maps are the 3.1 maps in the ADF->EDI direction - either host or client format, and Receive maps are 3.1 maps in the EDI->ADF direction.
14	What happens if I don't migrate my maps?	This can only mean that you do not want to run your Send / Receive maps in WDI 3.2, and that you want to rewrite your maps using the new any-to-any mapper. A recommended approach is that you consider migration, and then rewrite the maps at your convenience.
15	What is DB2 Connect and how does it fit with using the DB2 database with the Client?	DB2 Connect is the software that allows the WDI Client to access DB2 databases. DB2 Connect 7.2 or higher is required. This enables view and maintenance of objects in a number of databases from a single client - on a number of platforms, a really powerful management technique.
16	What is the XML support in WDI 3.2?	XML support is native in WDI 3.2. While the XML preprocessor is still available in WDI 3.2, it is there for Send/Receive map support only. In WDI 3.2, XML DTDs can be imported as "*.dtd" files and WDI will store and allow viewing of the DTD. In addition, the any-to-any mapper shows the XML DTD in tree form during mapping - greatly increasing the usability of XML DTDs over DI 3.1.
17	Can I run XML translations in CICS on WDI 3.2?	Yes. DTC maps run in CICS.

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18	Do Send / Receive XML maps run in CICS?	Yes. In WDI 3.2 the XML preprocessor is supported in CICS. It uses XML4J rather than XML4C. XML could not be translated inside CICS in DI 3.1. In WDI 3.2 any-to-any maps, also called Data Transformation maps also can be used to translate XML data.
19	Will existing XML translations (send / receive) run in WDI 3.2?	Yes, in exactly the same way as DI 3.1.
20	Do I need to recompile maps for WDI 3.2?	No. WDI 3.2 will run the control strings of DI 3.1 as is.
21	Are there any JCL changes for WDI 3.2?	Yes. The any-to-any translator uses the TRANSFORM verb of the PERFORM command. The XMLDICT and XMLDTDS keywords point to Partitioned Datasets (PDS) of XML objects.
22	Does Transaction Store data get migrated from WDI 3.1 to WDI 3.2?	No. Traditionally Transaction Store data has not been migrated. DB2 utilities can be used to copy data. Extracts can be run in 3.1 to capture desired data.
23	How about Management Reporting data - does it get migrated?	No. Management Reporting data cannot be migrated into 3.2. Extracts should be run in 3.1 to capture data results.
24	Are there limitations on using Transaction Store in WDI 3.2?	In WDI 3.2, only EDI data is collected in the Transaction Store for Data Transformation maps. For Send / Receive maps "EDI" data only is stored, but remember in DI 3.1 "fixed-to-fixed" maps had record based (ADF) data as one side of the translation. Also, with the XML PTF, the XML data was represented as EDIFACT data and also was stored. In WDI 3.2 ADF->ADF translations and ADF->XML translations using the any-to-any mapper will not place data in the Transaction Store.
25	Are there any changes to the DI translator API between 3.1 and 3.2?	No. The interface to EDIFFUT and EDIFFUS is the same.
26	Can I use CICS Continuous Receive in WDI 3.2?	Continuous Receive works only for Send/Receive maps. There is an enhancement required to allow for specification of a Data Transformation Map and options in the CR Profile. See the product web site.

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27	What's the difference between Release Migration on the WDI Client and the installation migration jobs?	Release Migration on the DI Client of Version 3.1 or WDI 3.2 Client can be used to migrate objects between versions of WDI on the same machine. It is an excellent tool for moving objects when upgrading the Client from 3.1 to 3.2. However it does not convert Meta data objects as is required from 3.1 host to 3.2. Remember in DI 3.1, the host objects were shown in the Conversion subsystem. That concept no longer exists in WDI 3.2. WDI 3.2 has a single, common database, as compared to the runtime/host-build- time/client-build-time databases of 3.1.
28	Are there any alternative ways of migrating data other than at installation time?	Yes. You can use the Conversion capabilities of the DI 3.1 Client to convert all meta data objects to WDI 3.2 format. Then you can use Export/Import to get them into a "clean" WDI 3.2 system. However this does require additional effort. This might be a way of performing some early testing using the Windows product.
29	Do user written user exits need to be recompiled or relinked?	Most will not. Check the Programmer's Reference for interface structure differences.
30	Do I need to change any of PERFORM commands?	No. There are some additional options to existing commands, and there is a new TRANSFORM command you may want to consider.
31	Can I inter operate migrated WDI 3.2, e.g. WDI 3.2 z/OS, with a WDI 3.2 AIX/Windows? Can I develop on AIX and deploy on Z/OS, export from WDI 3.2 Z/OS to AIX ?	Absolutely. In addition, a single WDI Client allows a window into all the systems.
32	Is mapping different in WDI 3.2 than in DI 3.1?	Yes ... Very different. The "green screen" mapper is no longer available. In its place is a powerful, GUI mapper, with drag and drop capability, along with increased mapping functionality and aids.