

IBM DB2 Web Query for i DataMigrator ETL Extension provides the ability to extract, transform, and load data for reporting and analytics

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At a glance

IBM® DB2® Web Query for i DataMigrator ETL Extension (5733-WQM):

- Provides an extract, transform, and load (ETL) solution
- Provides the ability to perform both bulk loads and incremental updates of data, making it ideal for maintaining a reporting database
- Retrieves data from IBM i and DB2/Linux, UNIX™, and Windows™ (LUW) and DB2/z Systems platforms

For ordering, contact Your IBM representative or an IBM Business Partner. For more information contact the Americas Call Centers at 800-IBM-CALL (426-2255).

Reference: AE001

Overview

IBM DB2 Web Query for i DataMigrator ETL Extension (DataMigrator for i) is a new product that supports the creation, population, and maintenance of database tables from one or more data sources. DataMigrator for i is a separately ordered extension of IBM DB2 Web Query for i that provides an extract, transform, and load (ETL) solution which runs completely in IBM i. It is useful for any DB2 Web Query client interested in consolidating data for reporting and analytics, or for creating an optimal reporting environment that is isolated from an existing production environment. With this new product, clients can now organize and consolidate data into a single environment that is optimized for query reporting, business intelligence (BI), and analytics.

DataMigrator for i is supported on all IBM i operating system releases supported by DB2 Web Query for i, V2.1.

Key prerequisites

A supported IBM Power Systems™ server and IBM DB2 Web Query for i Express® or Standard Edition, V2.1 (5733-WQE or 5733-WQS). Refer to the [Technical information](#) section for specific hardware and software prerequisites.

Planned availability date

March 27, 2015

Description

IBM DB2 Web Query for i DataMigrator ETL Extension (DataMigrator for i) provides the ability to perform both bulk loads and incremental updates of data, making it ideal for maintaining a reporting database such as a data mart or data warehouse. Defining the ETL process is done through the creation of a data flow. A data flow defines where the data comes from, how it should be transformed, and into what files the resulting data should be loaded. After it is defined, a data flow can be run immediately or scheduled to run once or on a recurring basis. As many data flows can be created as necessary to support an environment. Multiple data flows can optionally be controlled by one or more process flows, which orchestrate when and how the data flows run.

Data sources can be any data available to DB2 Web Query for i. In fact, existing synonyms (metadata) defined for DB2 Web Query for i can be used by DataMigrator for i. Database files/tables, the most common data source, can be from the same system on which DataMigrator for i is installed, from one or more remote systems, or both. DataMigrator for i can also retrieve data from DB2/LUW and DB2/z Systems. Flat files in the Integrated File System (IFS) can also be used as a source of data, including using a file listener capability to help automate the process. As a unique integration point, DataMigrator for i can also read from journals, including remote journals, as a data source. Journals are particularly useful for incremental maintenance flows where data changes to files/tables can be captured in a very low overhead manner.

When DataMigrator for i is used with DB2 Web Query Standard Edition, a Microsoft™ SQL Server can also be used as a data source for the ETL process. For Oracle JD Edwards World and EnterpriseOne customers, the JDE adapter can be added to DB2 Web Query Standard Edition and subsequently used as a data source for DataMigrator for i.

DataMigrator for i is purchased through the IBM Configurator for e-business (e-config) by ordering product 5733-WQM. DataMigrator for i is a separately charged product associated with DB2 Web Query for i and is purchased per processor.

DataMigrator for i is available to order as an add-on product for either the IBM DB2 Web Query for i Express Edition V2.1 (5733-WQE) or the IBM DB2 Web Query for i Standard Edition V2.1 (5733-WQS).

The DataMigrator for i code can only be obtained through PTF installation. The product is not available on the IBM i media set or as a download on the Entitled Software Support (ESS) website.

The DataMigrator for i capability can be enabled by first loading and installing the appropriate PTFs for DB2 Web Query for i (5733-WQX) and then installing 5733-WQX option 8 (#5108). The appropriate PTFs can be found on the DB2 Web Query for i web page

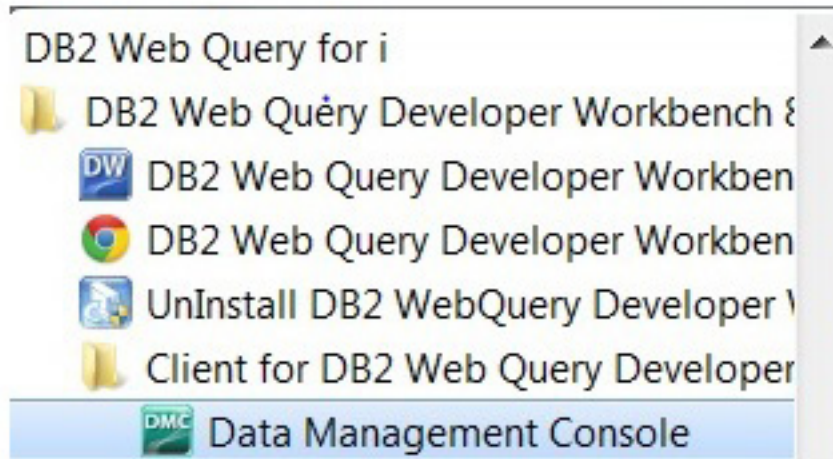
<http://www.ibm.com/developerworks/spaces/DB2WebQuery>

Note that DataMigrator for i uses a previously reserved option 8 (#5108) of DB2 Web Query for i (5733-WQX). If the feature's name on your system does not change after the PTFs are installed, do not be alarmed; adding option 8 (#5108) and the PTFs will still enable DataMigrator for i.

After the PTFs are applied and option 8 (#5108) is installed, DB2 Web Query must be restarted by using the ENDWEBQRY/STRWEBQRY or WRKWEBQRY CL commands. After this restart, DataMigrator for i is available for evaluation for 70 days. At the

end of the 70-day evaluation period, DataMigrator for i is disabled unless you order the DataMigrator for i product (5733-WQM) and receive and install the software license key. When 5733-WQM is ordered, the resulting software license key is for 5733-WQX option 8 (#5108).

The main interface for working with DataMigrator for i is through the Data Management Console, a component within DB2 Web Query Developer Workbench. To begin using DataMigrator for i with the Data Management Console, download to your PC and run the latest Developer Workbench client .exe files from the Web Query server. Launch the Data Management Console.



From this console you can start creating data flows and synonyms to define processes for extracting, transforming, and loading data.

Note: The 70-day evaluation period begins when DataMigrator for i is first accessed from the Data Management Console.

Summary of how to acquire DataMigrator for i:

- Install the code:
 - Install and apply the DataMigrator for i PTFs. PTF number are specified on <http://www.ibm.com/developerworks/spaces/DB2WebQuery>
 - The PTFs are installed and applied for product ID 5733-WQX. After the PTFs are applied, the code is installed as 5733-WQX option 8 (#5108).
- After the code is installed through PTFs:
 - If you want to start the 70-day evaluation, access DataMigrator for i from the Data Management Console.
 - If you want to purchase entitlement for DataMigrator for i and acquire and install the permanent software license key:
 - i. Place the order for 5733-WQM DataMigrator for i.
 - ii. After the order is fulfilled, the software license key will be available on the ESS website and installed on your server for 5733-WQX option 8 (#5108).

For more information on using DataMigrator for i, see the DataMigrator for i documentation available on the DB2 Web Query for i wiki at

<http://www.ibm.com/developerworks/spaces/DB2WebQuery>

Note: A Developer Workbench user license is required to use the Data Management Console.

Reference information

Refer to [212-114](#), dated April 24, 2012.

Program number

Program number	VRM	Program name
5733-WQM	2.1.0	IBM DB2 Web Query for i DataMigrator ETL Extension
5733-WQX	2.1.0	IBM DB2 Web Query for i
5733-NKY	5.2.0	Remove Keys/ePoE

Product identification number

Program PID number	Maintenance 1-year PID number	Maintenance 3-year PID number
5733-WQM	5660-WQM 5661-WQM	5662-WQM 5663-WQM 5664-WQM

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=215-056>

Publications

No publications are shipped with these programs.

Technical information

Specified operating environment

Hardware requirements

Refer to

<http://www.ibm.com/developerworks/spaces/DB2WebQuery>

Software requirements

- IBM DB2 Web Query for i, V2.1.0, Standard or Express Edition

- IBM DB2 Web Query for i DataMigrator ETL Extension, V2.1.0

Visit the DB2 for i Technology Updates wiki on developerWorks® to learn more

<http://www.ibm.com/developerworks/ibmi/techupdates/db2>

For more details on software requirements, visit

<http://www.ibm.com/developerworks/ibmi/techupdates>

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

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Planning information

Packaging

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Security, auditability, and control

These programs use the security and auditability features of the host hardware or software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

5733-WQX - IBM DB2 Web Query for i

No-charge Process Option features	Feature number
Non-Supply registration feature	
IBM DB2 web Query for i DataMigrator ETL Ext Reg	6801

No-charge supply features	
Feature description	Feature number
IBM DB2 Web Query for i DataMigrator ETL Ext	5839

5733-WQM, 5660-WQM, 5661-WQM, 5662-WQM, 5664-WQM DataMigrator for i

No-charge features	
Non-Supply registration feature	Feature number
Electronic Delivery Only	3453

5733-WQM - IBM DB2 Web Query for i DataMigrator ETL Extension

Feature description	Feature number
Per Workbench User	0001
Per Add'l Auth User	0002
Per Processor	0004

Remove keys/EPOES for transferred software (5733-NKY)

No-charge features

EPOE features

Feature description	Feature number
IBM DB2 Web Query for i DataMigrator ETL Extension	2860

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y Registration/Renewal (5660-WQM)	Feature number
Per Proc Core 7X241Y Reg	2172
Per Proc Core 1Y Reg	2174

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y After License

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y After License (5661-WQM)	Feature number
Per Proc Core 7X241Y Reg	0869
Per Proc Core	0870

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Registration

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Registration (5662-WQM)	Feature number
Per Proc Core 7X24 3Y Reg	1353
Per Proc Core 3Y Reg	1354

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Renewal

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Renewal (5663-WQM)	Feature number
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IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y After License

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y After License (5664-WQM)	Feature number
Per Proc Core 7X24 3Y Reg	0001
Per Proc Core	0002

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License Information number

License number	Program name
GC52-1390	IBM DB2 Web Query for i DataMigrator ETL Extension

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

Limited warranty

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Passport Advantage applies

No

Usage restrictions

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No

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No

Variable charges apply

Yes

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Prices

For additional information and current prices, contact your local IBM representative.

5733-WQX - IBM DB2 Web Query for i

No-charge Process Option features		
Feature description	Feature number	OTC
Non-Supply registration feature		OTC
IBM DB2 Web Query for i DataMigrator ETL Ext Reg	6801	NC

No-charge supply features		
Feature description	Feature number	OTC
IBM DB2 Web Query for i DataMigrator ETL Ext	5839	NC

5733-WQM, 5660-WQM, 5661-WQM, 5662-WQM, 5664-WQM DataMigrator for i

No-charge features		
Feature description	Feature number	OTC
Non-Supply registration feature		OTC
Electronic Delivery Only	3453	NC

5733-WQM - IBM DB2 Web Query for i DataMigrator ETL Extension

Feature description	Feature number	OTC
Per Workbench User	0001	
Per Add'l Auth User	0002	
Per Processor	0004	

Remove keys/EPOES for transferred software (5733-NKY)

No-charge features

EPOE features

Feature description	Feature number	OTC
IBM DB2 Web Query for i DataMigrator ETL Extension	2860	NC

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y Registration/Renewal (5660-WQM)	Feature number	OTC
Per Proc Core 7X241Y Reg	2172	
Per Proc Core 1Y Reg	2174	

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y After License

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 1Y After License (5661-WQM)	Feature number	OTC
Per Proc Core 7X241Y Reg	0869	
Per Proc Core	0870	

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Registration

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Registration (5662-WQM)	Feature number	OTC
Per Proc Core 7X24 3Y Reg	1353	
Per Proc Core 3Y Reg	1354	

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Renewal

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y Renewal (5663-WQM)	Feature number	OTC
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IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y After License

Charge features

IBM DB2 Web Query for i DataMigrator ETL Extension SWMA 3Y After License (5664-WQM)	Feature number	OTC
Per Proc Core 7X24 3Y Reg	0001	
Per Proc Core	0002	

Variable charges: The applicable processor-based one-time charge will be based on the group of the designated machine on which the program is licensed for use. If the program is designated to a processor in a group for which no charge is listed, the charge of the next higher group listed applies. For movement to a machine in a higher group, an upgrade charge equal to the difference in the then-current charges between the two groups will apply. For movement to a machine in a lower group, there will be no adjustment or refund of charges paid.

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[ENUS-215-056-LIST_PRICES_2015_02_24.PDF](#)

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