Oracle® Enterprise Data Quality

Oracle® Enterprise Data Quality Address Verification Server Release Notes

Release 14.x

E52586-02

May 2014

This document contains cumulative release information for Oracle Enterprise Data Quality (EDQ) Address Verification Server Release 14.x and includes the following:

- Section 1, "Release 14.2 May 2014"

- Section 2, "Release 14.1 March 2014"

- Section 3, "Related Documents"

- Section 4, "Documentation Accessibility"

Oracle recommends you review its contents before installing or working with the product.

1 Release 14.2 May 2014

The following are the release notes for Oracle Enterprise Data Quality Address Verification Server Release 14.2.

- Section 1.1, "New Features and Improvements in 14.2"

- Section 1.2, "General Suggestions and Tips"

- Section 1.3, "Need Help?"

- Section 1.4, "Installation"

- Section 1.5, "Known Issues"

1.1 New Features and Improvements in 14.2

This release includes the following new features and improvements:

- New Address Powersearch™ : Instant single line search results for 29 countries. *Note*: This feature requires the purchase of additional data files from Loqate.

- Flexible spelling correction during verification.

- Improved geocoding for Brazil.

- Performance improvements for better throughput in batch processing.

There are also a wide range of Reference Data improvements in the compatible 2014Q2.0 data files from Loqate.

1.2 General Suggestions and Tips

Please remember to update both the program files (available in this zip file) and the global knowledge repository data files, available from Loqate. This release requires

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data files at version 2014Q2.0 or later. The improvements in the engine are tied to the data in the Global Knowledge Repository and the combination works better. If a reason exists in your application that both cannot be updated, please contact Oracle Support prior to upgrading so we can help you.

1.3 Need Help?

For more information on the new features and improvements in this release, and to access complete documentation of the address verification APIs, please make sure to register at:

http://www.loqate.com/oracle/

This website gives you full access to all technical information.

1.4 Installation

Please note that this version (14.2.0.0.0) of EDQ AV may require you to update your version of EDQ for compatibility purposes. Please consult the following table for a guide to compatibility:

Table 1   Compatible Address Verification Server and EDQ Versions

EDQ Address Verification Server Version	Required EDQ Version
12.x, 13.x, 14.1.0.0.0	EDQ 9.0.7 or later or EDQ 11.1.1.7.3 or later
14.2.0.0.0	EDQ 9.0.10 or later or EDQ 11.1.1.7.4 or later

You can find installation instructions in the *Oracle Enterprise Data Quality Address Verification Server Installation and Upgrade Guide Release 11g R1 (11.1.1.7)* at

http://www.oracle.com/technetwork/middleware/oedq/documentation/index.html

1.5 Known Issues

This release will not work correctly with versions of EDQ prior to 9.0.10 or 11.1.1.7.4. If EDQ AV 14.2.0.0.0 is installed on a server running EDQ 11.1.1.7.3 or 9.0.9 (for example), the Address Verification processor will fail to load, and there will be an error in the log file stating that the version is incompatible. This is due to bug 18139586 in EDQ that has been fixed in EDQ 11.1.1.7.4 and 9.0.10.

2 Release 14.1 March 2014

The following is release information for Oracle Enterprise Data Quality Address Verification Server Release 14.1.

- Section 2.1, "New Features and Improvements in 14.1"

- Section 2.2, "Installing and Upgrading"

- Section 2.3, "General Suggestions"

- Section 2.4, "Known Issues and Workarounds"

2.1 New Features and Improvements in 14.1

This release includes the following new features and improvements:

- Point-level geocoding for USA, Brazil, and Bosnia and Herzegovina

- Geocoding improvements; new `MaximumGeoDistance` and `MinimumGeoAccuracy` options

- New `ReturnDataType` and `SuppressMatchFields` options that provide more flexibility on Search and Verify modes respectively

- Improved Reference Data for New Zealand, Australia, Canada, and US

- Parsing improvements for Brazil, Canada, and US

- Transliteration improvements

2.2 Installing and Upgrading

You can find installation instructions in the *Oracle Enterprise Data Quality Address Verification Server Installation and Upgrade Guide Release 11g R1 (11.1.1.7)* at

http://www.oracle.com/technetwork/middleware/oedq/documentation/index.html

2.3 General Suggestions

You must remember to update both the program files (available in this ZIP file) and the global knowledge repository data files, available from Loqate. The improvements in the engine are tied to the data in the Global Knowledge Repository and the combination works better. If a reason exists in your application that both cannot be updated, contact Oracle Support for help prior to upgrading.

In addition, many answers to your questions may be found in the Oracle Loqate support pages. To ensure that you have full access to all support and technical information, Oracle recommends that you register at

http://www.loqate.com/oracle/

2.4 Known Issues and Workarounds

The following are known issues and any workarounds in this release:

 On 32-bit environments with more than 1024 MB of memory allocated to the EDQ Application Server's Java heap, a process with more than one instance of the Address Verification processor may attempt to use more memory than is available causing the application server to crash.

Extensive testing has not revealed this issue on any 64-bit environments, nor with any processes featuring a single instance of the Address Verification processor.

To be certain that you avoid this issue, Oracle recommends that you always run EDQ in 64-bit environments with sufficient memory to support both it and the additional Address Verification Server. For detailed requirements, contact Oracle support.

3 Related Documents

For more information, see the following documents in the Oracle Enterprise Data Quality documentation set:

- *Oracle Enterprise Data Quality Address Verification Server Installation and Upgrade Guide Release 14.2*

See the latest version of this and all documents in the Oracle Enterprise Data Quality Documentation website at

http://download.oracle.com/docs/cd/E48549_01/index.htm

4 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at
http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.