Address Verification 6.2.0 Release Notes (On-Premises)

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Read the release notes to learn important information about known limitations and fixed issues in Informatica Address Verification (On-Premises) 6.2.0.

If you connect to Informatica Address Verification in the cloud, you can use this document to learn about the current capabilities of the Address Verification engine.

Informatica Address Verification Installation

Memory Requirements

The machine on which you install Address Verification must have a minimum of 1 GB RAM for a C++ installation. Java and Microsoft .NET installations require additional memory.

Each function server, including standby function servers require 300 MB of RAM. If you enable hot swapping, the total memory usage doubles for Address Verification. For each job, you need a variable amount of memory based on your configuration settings.

Before you finalize the memory requirements, consider the size of the reference address databases that are required for your specific needs. Preloading databases significantly improves the performance of Informatica Address Verification. The machine on which you install Address Verification must have sufficient RAM to preload all the required databases.

The complete set of worldwide postal reference databases, including supplementary databases for address enrichments requires around 55 GB of storage space. However, for typical installations that do not require all the databases, 20 to 25 GB of RAM should be sufficient.

Tip: If full preloading of databases is not an option, use solid-state drives to store the reference address databases. Solid-state drives are faster than hard-disk drives and can significantly improve performance especially when multithreading is used.

You set the database preloading method in the `IDVEConfig.json` file. For more information on database preload settings, see the *Address Verification (On-Premises) Installation and Getting Started Guide*.

System Configuration

When you install Informatica Address Verification, verify that the operating system and the processor architecture are compatible on the installation host machine. Verify also that the installation host machine runs a Java Development Kit that is compatible with the processor architecture and the operating system.

You must install a Java Development Kit on the machine that hosts the Address Verification engine.

The following table lists the system configurations that you can use for Informatica Address Verification installation:

Operating System	Processor Architecture
Windows Server 2019	x64 (64-bit)
Windows Server 2016	x64 (64-bit)
SUSE Linux Enterprise Server 15	x64 (64-bit)
RedHat Enterprise Linux 8	x64 (64-bit)
RedHat Enterprise Linux 7	x64 (64-bit)

Developer Support

Informatica develops Informatica Address Verification in the C/C++ programming language. The Informatica Address Verification software packages contain APIs in C/C++, Java, and .NET.

You can model Address Verification implementations for other languages, such as C#, PHP, Perl, Ruby, and Python.

Informatica Address Verification provides technical support for C/C++, Java, and .NET-based APIs. Informatica Address Verification does not provide implementation-specific technical support.

For more information about or assistance with address verification projects, contact the Informatica Professional Services team.

Informatica Address Verification Version 6.2.0

Fixed Issues in Version 6.2.0

The following table describes customer-reported issues that are fixed in version 6.2.0:

Country	CR Number	Description
All	HDS-15347	Address Verification fails to preload the entire reference address database to memory when you set the PreloadingExtent element to Full in the `IDVEConfig.json` file.
All	HDS-10742	The operations of the PreferredScript and PreferredLanguage properties in QuickCapture mode are not completely evaluated.
Australia	HDS-15052	Address Verification can split an input street name and parse part of the street name as a street descriptor. The issue arises when you configure Address Verification for AMAS certification.
Australia	HDS-15051	Address Verification incorrectly recognizes BAY as a street descriptor and can parse and normalize the descriptor BAY to BY. The issue arises when you configure Address Verification for AMAS certification.
Australia	HDS-13275	In certified mode, Address Verification fails to account for a redundant UNIT sub-building identifier and can return different GNAF ID and Delivery Point ID values for the same address with and without the identifier. The issue is observed when one of the input addresses contains a UNIT sub-building identifier without a corresponding sub-building value.
Australia	HDS-13272, HDS-13273	In certified mode, Address Verification returns GNAF ID and Delivery Point ID values in an inconsistent manner for addresses that identify the same delivery point in marginally different ways. You can observe the following issues in the address output: - Address Verification returns the same GNAF ID value and different Delivery Point ID values for each address. - Address Verification returns the same Delivery Point ID value and different GNAF ID values for each address.
India	HDS-14576	Address Verification can generate an error when you verify an address with the FormatDelimiter attribute set to COMMA in the input.
Spain	HDS-13358	Address Verification can return an input address twice in a address suggestion list. Address Verification can also return an Ix status score and not a Cx score for the address.
United Kingdom	HDS-14686	In QuickCapture mode, Address Verification can add redundant characters to the post code in a United Kingdom address when the address does not include sub-postcode information.
United Kingdom	HDS-13355	Address Verification can fail to return the enrichment values for an input address when one or more conditions are true. The conditions include the appearance of a sub-building number and sub-building descriptor in reverse order, such as "14 FLAT", and the presence of an extraneous house number on the apartment building.

Country	CR Number	Description
United Kingdom	HDS-12200	When you split the postal code information with a hyphen or a character space in an input address, Address Verification can match part of the postal code information with the reference data and match the remaining information to house number or move the information to residue. The issue arises when you verify the address in QuickCapture mode.
United States	HDS-15088	When an input address does not contain a directional indicator, Address Verification returns a single address suggestion for the input address in interactive mode.
United States	HDS-15076	Address Verification might validate an address correctly in batch mode but fail to return an address suggestion for the same address in QuickCapture mode.
United States	HDS-13820	Address Verification can fail to return the available arrival point or rooftop geocoordinates for an address.

Known Limitations in Version 6.2.0

The following table describes known limitations in 6.2.0.

The (Version) value indicates the product release in which the issue was added to the release notes.

Country	CR Number	Description
All	HDS-16173	Address Verification does not return an address in GeocodeToAddress mode if the house number in the address is composed of an alphabetic character followed by one or more digits. (Version 6.2.0)
All	HDS-16156	Address Verification may not return enrichment or geocoding data with an output address if you specify a non-default option on the PreferredScript or PreferredLanguage property. The issue arises when you run an address job in GeocodeToAddress mode or QuickCapture mode. (Version 6.2)
All	HDS-15394	Address Verification fails to preserve the input script when you set the Preserve option in the PreferredScript property. The issue arises when you verify an address in QuickCapture mode or GeocodeToAddress mode. (Version 6.2.0)
All	HDS-15393	Address Verification fails to preserve the input language when you set the Preserve option in the PreferredLanguage property. The issue arises when you verify an address in QuickCapture mode or GeocodeToAddress mode. (Version 6.2.0)
All	HDS-10731	Address Verification encounters problems returning results in QuickCapture mode when an address includes a house number that is part of a range of non-standard values. Non-standard house number ranges include fractional numbers, such as 4 3/4, and alphabetical ranges, such as FFA-FFG. (Version 6.0.0)
China, Japan, Korea	HDS-10876	Address Verification can fail to parse input values to the correct element types in QuickCapture mode when the values appear in non-Latin character set and are not separate by a character space. In this scenario, Address Verification parses the values to Residue fields. (Version 6.0.0)

Country	CR Number	Description
China, Japan, Korea	HDS-10736	Address Verification fails to recognize the elements in QuickCapture mode when an input language or a script does not contain a character space between the elements. (Version 6.0.0)
Canada	HDS-13978	In QuickCapture mode, Address Verification fails to match the postal code information in the reference data when an input address contains 2. as the postal code information. (Version 6.2.0)
Netherlands	HDS-13784	When an input address contains range-based house number values with leading zeros, Address Verification fails to add the zeros to the output in QuickCapture mode. (Version 6.2.0)
United States	HDS-15891	Address Verification returns an Ix score and not a Cx score for an address that contains Ave as an abbreviated form of street descriptor on the street address line. (Version 6.2.0)
United States	HDS-14847	In QuickCapture mode, Address Verification fails to find a reference data match for the term DOCTOR when the street information includes the term DR instead of DOCTOR in an input address. (Version 6.2.0)
United States	HDS-10862	When you verify an address that contains a ZIP+4 Code or a nine-digit postal code in QuickCapture mode, Address Verification does not output the +4 digits. (Version 6.0.0)

Informatica Global Customer Support

You can contact a Global Support Center by telephone or through the Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:
https://www.informatica.com/services-and-training/customer-success-services/contact-us.html.

To find online support resources on the Informatica Network, visit https://network.informatica.com and select the eSupport option.