



Address Verification 6.3.0 Release Notes (On-Premises) September 2022

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Read the release notes to learn important information about known limitations and fixed issues in Informatica Address Verification (On-Premises) 6.3.0.

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 400 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 6.3.0

Fixed Issues in Version 6.3.0

The following table describes customer-reported issues that are fixed in version 6.3.0:

Country	CR Number	Description
All	HDS-18722	If you call the <code>IDVE.getBool()</code> function to retrieve the <code>ResultCountOverflow</code> attribute value directly, the host application for Address Verification stops unexpectedly. The issue arises in the Java implementation of the <code>IDVE.getBool()</code> function.
All	HDS-17759	The Address Verification engine may fail to access all available memory, leading to issues in starting multiple function servers, if the previous engine process ended without calling the <code>IDVE_Deinitialize</code> function.
All	HDS-17751	The Address Verification engine does not employ retry mechanisms to resync the engine and the function servers in cases where Linux operating system-level calls are interrupted by incoming signals.
All	HDS-17062	Address Verification does not return an address in ASCII characters when you set the <code>LimitLatinCharacters</code> attribute to ASCII and the following conditions apply: <ul style="list-style-type: none">- The input address uses ASCII or Latin characters.- You set the <code>PreferredScript</code> property to Preserve.
All	HDS-16982	Address Verification drops sub-building level 2 information from a second address line in the following scenario: <ul style="list-style-type: none">- The second address line also contains information for sub-building level 1.- The first address line contains an alphanumeric house number, and the letters and digits in the house number are separated by a character space.
All	HDS-16366	Expired data licenses appear active to the Address Verification engine.
All	HDS-16173	Address Verification does not return an address in <code>GeocodeToAddress</code> mode if the house number in the address is composed of an alphabetic character followed by one or more digits.
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 <code>PreferredScript</code> or <code>PreferredLanguage</code> property. The issue arises when you run an address job in <code>GeocodeToAddress</code> mode or <code>QuickCapture</code> mode.
All	HDS-10731	Address Verification encounters problems returning results in <code>QuickCapture</code> 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.
Germany	HDS-20030	Address Verification adds an extra character space between the words in a two-word locality name.
Germany	HDS-13070	Address Verification fails to recognize 'post nummer' as a variant of 'postnummer' and can parse a 'post nummer' value to a building field.
Greece	HDS-16468	Address Verification can add the tonos (') character to an alphabetic character in an output address when you set the <code>PreferredScript</code> attribute to LATIN-1.

Country	CR Number	Description
India	HDS-14817	Address Verification can drop input detail from a delivery address line in an address. The issue arises in addresses that contains multiple building and sub-building values.
Japan	HDS-19535	When you enter a complete postcode in QuickCapture mode, Address Verification returns addresses to street level and not to house number level.
Japan	HDS-17437	Address Verification includes a character space in a house number when you use the default preferred script option and omits the character space when you set the preferred script option to Postal Admin. The issue arises when you run Address Verification in batch mode as a web service.
Korea	HDS-14843	Address Verification can drop input detail from an address when you set the PreferredScript attribute to LATIN and you set the PreferredLanguage attribute to ENGLISH.
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.
Portugal	HDS-15158	When an address contains LOTE as a house number descriptor, Address Verification fails to parse the house number information to a house number field and instead parses the information to a building field.
Portugal	HDS-13972	Address Verification fails to recognize N° as a an abbreviation of Número and fails to recognize DT as an abbreviation of Direito when DT does not follow a house number. Address Verification returns a low mailability score for an address that uses the abbreviations in such cases.
Romania	HDS-19479	Address Verification returns a sub-building pre-descriptor in the post-descriptor position.
South Korea	HDS-15839	Address Verification can drop sub-building information from an address when you set the matching scope value to ALL.
South Korea	HDS-15838	Address Verification can drop HO and DONG information from an address when you select a Latin preferred script.
South Korea	HDS-15778	Address Verification can fail to identify sub-building data correctly and can drop the data from the output address.
Spain	HDS-14191	In batch mode, Address Verification can return an I status score for an address that Address Verification earlier suggested in interactive mode.
United States	HDS-20350	Address Verification moves alphanumeric sub-building information from a second address line to a residue field in the following scenario: <ul style="list-style-type: none"> - The sub-building information is the sole entry on the second delivery address line. - The letters and digits in the sub-building information are separated by a character space.
United States	HDS-19375, HDS-20038	Address Verification fails to return useful ZIP Code data in batch and interactive modes in the following scenario: <ul style="list-style-type: none"> - The input address contains province and locality information only. - You set the preferred and minimum verification levels to Locality. * Multiple five-digit Zip Codes exist for the Locality.

Country	CR Number	Description
United States	HDS-19096	Address Verification does not return additional sub-building suggestions for an address with a V or C score in interactive mode.
United States	HDS-19084	Address Verification fails to recognize a sub-building value in the following scenario: <ul style="list-style-type: none"> - The street name includes an ordinal number. - The sub-building information does not include a descriptor.
United States	HDS-18413	If an input ZIP Code omits leading zeros from the +4 element of the code, Address Verification can validate the ZIP Code and return the six-digit input in place of the ZIP+4 Code. For example, Address Verification passes validates 750012 as the equivalent of 75001-0002. The issue arises when you verify an address to a preferred verification level of Locality.
United States	HDS-16539	Address Verification does not return a value for the UsedVerificationLevel property.
United States	HDS-16286	Address Verification does not recognize SUIT or SUTE as variant spelling's of SUITE.
United States	HDS-16284	Address Verification fails to recognize BIN as part of a street name when the street descriptor value is abbreviated.
United States	HDS-16045	Address Verification does not verify an address that includes multiple street descriptors. The issue arises in the following scenario: <ul style="list-style-type: none"> - The descriptor in the street name is abbreviated, for example PARK AVENUE WEST is abbreviated to PARK AVE WEST. - The street information contains a post-directional value with dual indicators, for example PARK AVE WEST NW.
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.

Known Limitations in Version 6.3.0

The following table describes known limitations in 6.3.0.

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

Country	CR Number	Description
All	HDS-21124	Address Verification verifies an alternative address that the reference data flags as no longer in use when you set the Match attribute on the OutdatedAddress property to Off. (Version 6.3.0)
All	HDS-21123	Address Verification returns an Extended Result Status value of Deprecated for all elements in an outdated address and does not distinguish between deprecated and non-deprecated elements. (Version 6.3.0)
All	HDS-21122	Address Verification returns a Result Status value of 2 and not 3 when a new element replaces an outdated element in an address. (Version 6.3.0)
All	HDS-19274	Address Verification does not preserve the character case of delivery address line, postal address line, or formatted address line data. (Version 6.3.0)

Country	CR Number	Description
China	HDS-14989	Address Verification can return a building name as house number or street name information. (Version 6.3.0)
Ireland	HDS-20014	Address Verification can parse building number data to sub-building fields in interactive mode. The issue is observed when an organization name occurs between the building number and the street name. (Version 6.3.0)
Kenya	HDS-20371	Address Verification can return multiple candidate matches and an I process status value for an incomplete address in interactive mode when the reference data contains a single valid match. The issue arises when the postal code data is absent from the input address. (Version 6.3.0)
Spain	HDS-19270	Address Verification can fail to match a street name with the corresponding street in the reference data in the following scenario: * The input data contains the address on a delivery address line. * The delivery address line contains unrecognized data that the engine parses to a residue field. (Version 6.3.0)
Spain	HDS-16881	Address Verification does not recognize the symbol (°) as a sub-building descriptor for "Floor." If the symbol appears in a delivery address line, Address Verification parses the complete line as a street and can return an I result for a valid address. Workaround: Omit the (°) symbol from the address. (Version 6.3.0)
United States	HDS-17087	If an address includes sub-building information between street and non-street information on the first delivery address line, Address Verification writes the non-street information and the sub-building information to a residue field. (Version 6.3.0)
United States	HDS-16984	If suite and building information follow the house number and street on a delivery address line, Address Verification changes the building descriptor to a suite descriptor. (Version 6.3.0)
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)
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)
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)
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 a 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)
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)

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.