



Address Verification 5.16.0 Release Notes (On-Premises) October 2019

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Read the release notes to learn important information about installation, new features, changed features, and fixed limitations in Informatica Address Verification (On-Premises) 5.16.0.

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

Informatica Address Verification is designed to be highly efficient in its memory and resource usage. To ensure best possible performance, install Informatica Address Verification on a device that has fast input and output systems and sufficient memory.

The device on which you install Informatica Address Verification must have a minimum of 512 MB RAM.

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 device on which you install Informatica 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 40 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.

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.

If you install Address Verification on an AIX machine, install IBM Java 8 or later. If you install Address Verification on a Solaris machine, install Oracle Java SE 8 or later. If you install on other platforms, install OpenJDK version 8.

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

Operating System	Processor Architecture
Windows Server 2016	x64 (64-bit)
Windows Server 2012 R2	x64 (64-bit)
Windows Server 2008 R2	x64 (64-bit)
SUSE Linux Enterprise Server 12	x64 (64-bit)
SUSE Linux Enterprise Server 11	x64 (64-bit)
Solaris 11	SPARC (64-bit)
RedHat Enterprise Linux 6 and 7	x64 (64-bit)
AIX 7	POWER (64-bit)

Developer Support

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

The Informatica Address Verification Developer Guide contains examples for the C and Java APIs. You can use the examples to develop Informatica Address Verification implementations in other languages, such as C++, C#, Visual Basic, .Net, PHP, Perl, Ruby, and Python.

Informatica Address Verification provides technical support for C-based and Java-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 5.16.0

Highlights of Informatica Address Verification Version 5.16.0

The following table lists the new features of Informatica Address Verification in version 5.16.0:

New	Accreditation as an eircode encoder in Ireland.
Updated	Assignment of unique scores to street alias candidates in United States addresses.
Updated	Improved parsing and validation of addresses in Japan.
Updated	Certification to the AMAS 2020 standard.
Updated	Certification to the SendRight 2020 standard.
Updated	Certification to the SERP 2020 standard.

New Features and Enhancements (Version 5.16.0)

This section lists the new features and enhancements to Informatica Address Verification in version 5.16.0.

Australia

Effective in version 5.16.0, Informatica Address Verification is certified to the Address Matching Approval System (AMAS) 2020 standard for address verification in Australia.

Canada

Effective in version 5.16.0, Informatica Address Verification is certified to the Software Evaluation and Recognition Program (SERP) 2020 standard for address verification in Canada.

Ireland

Effective in version 5.16.0, Informatica Address Verification is an accredited eircode encoder in Ireland. Address Verification meets the formal requirements that the eircode accreditation programme defines for the addition of eircodes to addresses. Additionally, Address Verification adds multiple improvements to the parsing and verification of Ireland addresses.

Informatica introduced support for eircodes in version 5.8.1.

Japan

Effective in version 5.16.0, Informatica Address Verification improves the parsing and validation of Japan addresses based on customer feedback.

New Zealand

Effective in version 5.16.0, Informatica Address Verification is certified to the SendRight 2020 standard for address verification in New Zealand.

United States

Effective in version 5.16.0, Informatica Address Verification can assign different scores to street alias candidates for a given address.

Previously, Address Verification assigned a single common score to the street alias candidates.

Fixed Issues in Version 5.16.0

The following table describes customer-reported issues that are fixed in version 5.16.0:

Country	CR Number	Description
British Indian Territory	HDS-8079	Address Verification does not include a character space between the third and fourth characters in a British Indian Territory post code.
Canada	HDS-9705	Address Verification can fail to recognize LN as an abbreviation for LANE in a Canada address and can return an Ix process status code for the address.
China	HDS-10445	Address Verification might consume excessive CPU resources and become unresponsive when you verify China addresses and the following conditions are true: <ul style="list-style-type: none">- You set the GlobalCasing attribute to MIXED.- You set the PreferredScript attribute to ASCII_EXTENDED.
Japan	HDS-10004	If you submit an older version of an address for verification in Japan, Address Verification might match the address to the current version of the address in the reference data. The issue can arise regardless of the MatchingExtendedArchive attribute value.
Japan	HDS-10002	When you verify an address that includes an obsolete aza element, Address Verification moves the obsolete aza element to residue but otherwise does not flag the address as invalid. In 5.16.0, Address Verification returns an Ix process status value for the address.
Japan	HDS-9894	Address Verification can add the value 町 as street information to an output address when 町 appears in the input address as locality information. A similar duplication issue is also observed with the values 原 and 浦.
Japan	HDS-8314	Address Verification can add an incorrect house number to an output address.
Japan	HDS-8313	Address Verification can parse building information to a Locality 3 field.
Japan	HDS-8311	If the house number and sub-building information in an address are correct but poorly formatted, Address Verification applies the correct format in the output address elements but not in delivery address lines or formatted address lines.
Japan	HDS-8310	When an input address contains duplicate data, Address Verification fails to move the duplicate data to residue. Instead, Address Verification retains the duplicate data and can copy information from another field into one of the duplicate data fields.
Japan	HDS-7949	Address Verification can add the value 町 as street information to an output address when 町 appears in the input address as locality information.
Japan	HDS-7439	Address Verification might fail to recognize a locality 3 value when the value is not followed by the suffix JO.

Country	CR Number	Description
Japan	HDS-5465	When comparing an input address to the reference data, Address Verification gives precedence to a reference address with matching street information over a reference address with matching locality 1, locality 3, and post code information.
United States	HDS-10294	When an input delivery address line contains building information only, Address Verification might duplicate the building information on the first and second delivery address lines or formatted address lines in the output. Alternatively, Address Verification might move the building information to a street element in fielded address output.
United States	HDS-10023	Address Verification might return different geocoordinates and different geocoding status values when two addresses identify the same location. The issue arises when you verify the addresses in certified mode.
United States	HDS-10022	Address Verification can correct street names inconsistently based on the analysis of the sub-building number within an expected number range.
United States	HDS-9891	When street data is concatenated to a sub-building descriptor in an input address, Address Verification can drop the sub-building information from the output address.
United States	HDS-9559	Address Verification can fail to correct a street address and instead return an Ix process score when the following conditions are true: <ul style="list-style-type: none"> - The street information includes a directional abbreviation. - The directional abbreviation includes a redundant character space. For example, 6401 N W 128ST, KANSAS CITY, MO.
United States	HDS-9555	Address Verification can fail to correct a street address and instead return an Ix process score when the following conditions are true: <ul style="list-style-type: none"> - The street name includes a digit. - The digit is duplicated at the end of the street name. For example, 450 SCHOOLHOUSE 5 RD, WHITE PLAINS, KY.
United States	HDS-9313	Address Verification might return an incorrect county name in a United States address. The issue arises because of a conflict between county name evaluation and LACSLink evaluation in the verification process.
United States	HDS-8980	Address Verification can return an over-confident mailability score for an input address that includes ambiguous post office box data in a street element.
United States	HDS-8434	When the five-digit ZIP Code is missing a digit in an otherwise correct input address, Address Verification might return a different address from the reference data
United States	HDS-8192	Address Verification might not identify the correct alias for a street name if the street descriptor is TE, where TE is an abbreviation for Terrace.
United States	HDS-7562	Address Verification can match a valid input address to the wrong address in the reference data fail when the following conditions are true: <ul style="list-style-type: none"> - The address includes the long form of the street descriptor. - The reference data stores the street descriptor in English and in Spanish, for example Calle San Francisco and San Francisco Street in San Juan, Puerto Rico.
United States	HDS-6968	Address Verification might return an address with a C2 process score and change the locality when an Ix score might be preferable. The issue can arise when there is more than one candidate match for the street information in the reference data.

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.