



Address Verification 6.1.0 Release Notes (On-Premises) September 2020

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Read the release notes to learn important information about known limitations and fixed issues in Informatica Address Verification (On-Premises) 6.1.0.

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#, Visual Basic, .Net, 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 6.1.0

Fixed Issues in Version 6.1.0

The following table describes customer-reported issues that are fixed in version 6.1.0:

Country	CR Number	Description
Australia	HDS-12956	In certified mode, Address Verification can return a higher process status code and an over-confident mailability score for addresses with missing house number information.
Australia	HDS-12955	In certified mode, Address Verification can return an incorrect Address Resolution Code value for an address that contains an incorrect house number.
Australia	HDS-12020, HDS-11914	Address Verification fails to return the enrichment values for an input address that contains a range-based house number.
Australia	HDS-11788	Address Verification may return only the GNAF ID value as an enrichment for an Australia address.
Australia	HDS-11043	In batch mode, Address Verification may make an incorrect adjustment to a post office box address. For example, Address Verification may change PO to GPO as the post office box identifier.
China, Japan, South Korea	HDS-13388	Address Verification does not delete province and locality suffixes, such as Shi, To, and Ken, from output address in English.
Slovakia	HDS-8175	In batch and interactive modes, Address Verification fails to recognize an address that you enter without the accented characters in the Latin-2 script and returns an lx status code for the address.
Spain	HDS-12438	Address Verification can return an lx status code for a valid address. The issue arises when duplicate similar addresses exist in the reference data.
United States	HDS-12737	Address Verification can downgrade the match between an input address and a reference address when the input contains an incomplete street name that is a substantial subset of the full street name.
United States	HDS-12736	Address Verification fails to match an input address with an address in the reference data when the input contains a redundant street descriptor in a delivery address line.
United States	HDS-12462	Address Verification can drop the sub-building information from an input address in the following scenario: <ul style="list-style-type: none">- The sub-building identifier is concatenated with the sub-building value.- The sub-building information appears in a single delimited field in the input address.
United States	HDS-12431	Address Verification can return a Cx status value and change the ZIP Code of a valid address in the following scenario: <ul style="list-style-type: none">- You set the matching scope to street level.- The reference data contains a perfect match for the input address including the house number in another ZIP Code.

Country	CR Number	Description
United States	HDS-11585	In batch mode, Address Verification can return different process status scores for an input address when you expand or abbreviate the pre-directional indicator and you submit the address in formatted address line fields.
United States	HDS-10541	When an input address contains a character space between the characters in an alphanumeric sub-building number, Address Verification moves the first number to residue and returns the remaining characters in the sub-building field with # as a sub-building indicator. The issue arises in the following scenario: <ul style="list-style-type: none"> - The input address does not include a sub-building identifier. - The sub-building information appears on a separate delivery address line to the other information in the address.
United States	HDS-9999	Address Verification can parse the string "PO" in an organization name as a post office box descriptor. Address Verification can also fail to consider the information in the input delivery address line fields and can return a Cx process status value for the address.

Known Limitations in Version 6.1.0

The following table describes known limitations in 6.1.0:

Country	CR Number	Description
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: <ul style="list-style-type: none"> - 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.

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.