

Loqate, A GBG Solution

Release Notes – Verify API

2023Q1.0 Major Release

Case Resolutions

Please visit <https://support.loqate.com/2023q1-0-resolved-cases/> for a list of all cases resolved in this release. If you would like more details on any of the solved cases listed, please contact LoqateSupport@gbgplc.com for further information.

Local API Notices

This is to inform our customers that in 2023Q1.0 release we have made one change to the API in relation to use of hyphens in premises that has resolved 2 customer cases.

Case Number	Change Description	Country
CAS-83302-Q5W0N5	All numbers in hyphenated range would be used for address matching. Prioritize records with prefix and postfix matched if the matched records exceed the engine's predefined limit.	All
CAS-03293-X6M4B0	All numbers in hyphenated range would be used for address matching. Prioritize records with prefix and postfix matched if the matched records exceed the engine's predefined limit.	All

Local API Improvements

Case Number	Change Description	Category	Country	Example Address
CAS-83302-Q5W0N5	All numbers in hyphenated range would be used for address matching.	API	All	4-831 Kuhio Hwy Ste 438 #204 Kapaa HI, USA 5-1105 Kuhio Hwy #B&C Kilauea HI, USA

Before Image

Loqate Demonstration UI v2.45.1.16569-fab21ad

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data: Address3, Address2, Address1 (4-831 Kuhio Hwy Ste 438 #204 Kapaa HI, USA), Locality, AdministrativeArea, PostalCode, Country, OutputScript, ForceCountry, DefaultCountry.

Output: Address Quality Index (A), Address Verification Code (V44-145-P3-100), Organization (Empty), SubBuilding (Ste 438 #204), Premise (4-934), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Kuhio Hwy), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Kapaa), SubAdministrativeArea (Kauai), AdministrativeArea (HI), SuperAdministrativeArea (Empty), PostalCode (96746), Country (United States), ISO2 (US), ISO3 (USA), Unmatched (Empty), Processed Time (00:00:00.00).

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.45.1.16620-b735318

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data: Address3, Address2, Address1 (4-831 Kuhio Hwy Ste 438 #204 Kapaa HI, USA), Locality, AdministrativeArea, PostalCode, Country, OutputScript, ForceCountry, DefaultCountry.

Output: Address Quality Index (A), Address Verification Code (P44-145-P3-100), Organization (Empty), SubBuilding (Ste 438 #204), Premise (4-831), Building (Empty), PostBox (Empty), DependentThoroughfare (Empty), Thoroughfare (Kuhio Hwy), DoubleDependentLocality (Empty), DependentLocality (Empty), Locality (Kapaa), SubAdministrativeArea (Kauai), AdministrativeArea (HI), SuperAdministrativeArea (Empty), PostalCode (96746-1574), Country (United States), ISO2 (US), ISO3 (USA), Unmatched (Empty), Processed Time (00:00:00.25).

Server Status: ssOK Process Status: psOK

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Loqate Demonstration UI v2.45.1.16569-fab21ad

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript Parse Verify

ForceCountry Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 5-2723 Kuhio Hwy B&C Kilauea HI 96754 Latitude Longitude Accuracy Distance Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V44-145-P3-100

Organization Empty

SubBuilding B&C Identified context

Premise 5-2723 Verified alias change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Kuhio Hwy Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Kilauea Verified no change

SubAdministrativeArea Kauai Added

AdministrativeArea HI Verified no change

SuperAdministrativeArea Empty

PostalCode 96754 Added

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.23

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Loqate Demonstration UI v2.45.1.16620-b735318

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript Parse Verify

ForceCountry Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address 5-1105 Kuhio Hwy B&C Kilauea HI 96754-5556 Latitude Longitude Accuracy Distance Map This Location

Address Quality Index 1 Result Count 1

Address Verification Code V44-145-P3-100

Organization Empty

SubBuilding B&C Identified context

Premise 5-1105 Verified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Kuhio Hwy Verified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Kilauea Verified no change

SubAdministrativeArea Kauai Added

AdministrativeArea HI Verified no change

SuperAdministrativeArea Empty

PostalCode 96754-5556 Added

Country United States

ISO2 US ISO3 USA

Unmatched

Processed Time 00:00:00.08

Cache Stats Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-03293-X6M4B0	All numbers in hyphened range would be used for address matching.	API	All	75-5687 ALII DR, 96740, USA

Before Image

Loqate Demonstration UI v2.45.1.16569-fab21ad

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript Parse Verify

ForceCountry Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization

SubBuilding

Premise Verified alias change

Building

PostBox

Dependent.Thoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Added

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

After Image

Loqate Demonstration UI v2.45.1.16646-6004ba2

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address3

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

OutputScript Parse Verify

ForceCountry Match Search

DefaultCountry Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code

Organization Empty

SubBuilding

Premise Verified no change

Building

PostBox

Dependent.Thoroughfare

Thoroughfare Verified no change

DoubleDependentLocality

DependentLocality

Locality Added

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified small change

Country

ISO2 ISO3

Unmatched

Processed Time

Cache Stats Shortcuts View All To Clipboard

Output

Address Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Installation Instructions

Please remember to update both the program files and the reference data and **please install these to a new fresh folder location**. The improvements are tied to the data in the Global Knowledge Repository and the Local API. When updating the data, it is recommended to use a new data folder each time to ensure the latest dataset is installed properly.

If you need any assistance with the upgrade of the Local API or the data update process, please contact [GBG Loqate Support](#).

The setup wizard for the [Local API](#) can be obtained from our SFTP server. Please contact your account manager to retrieve the SFTP information. If you do not know who your account manager is, please contact the support team at LoqateSupport@gbgplc.com.