

Loqate, A GBG Solution

Release Notes – Verify API

2022Q2.1 Minor Release

Case Resolutions

Please visit <https://support.loqate.com/2022q2-1-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 this 2022Q2.1 release we have made no major changes to the API there are 3 minor improvements.

Local API Improvements

Verify Improvements

Case Number	Change Description	Category	Country	Example Address
CAS-68047-W1K4B8	When server option EnhancedCountryTool=ON and DefaultCountry=US for certain US addresses without country value, input AdministrativeArea was changed to incorrect AdministrativeArea as output, This has been fixed and input AdministrativeArea is verified.	API	US	Address1: 621 MAIN ST Locality: MAYSVILLE AdministrativeArea: OKLAHOMA Address1: 813 MAIN ST Locality: CHARLESTON AdministrativeArea: SOUTH CAROLINA Address1: 329 6TH ST Locality: WEST POINT AdministrativeArea: VIRGINIA Address1: 204-4th Avenue East Locality: NEWTON AdministrativeArea: IOWA

Before Image

Loqate Demonstration UI v2.43.0.16109-4c1232d DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

Address6

Address5

Address1

Locality

AdministrativeArea

PostalCode

Country

PreferPrimaryValidAlias Parse Verify

DefaultCountry Match Search

EnhancedCountryTool Format Geocode Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index Result Count

Address Verification Code

Organization Empty

SubBuilding Empty

Premise Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Verified large change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Verified alias change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Empty

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

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 v2.43.0.16148-f696195 DEBUG

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Input Data

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Address5

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Output

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SubBuilding Empty

Premise Identified no change

Building Empty

PostBox Empty

DependentThoroughfare Empty

Thoroughfare Identified no change

DoubleDependentLocality Empty

DependentLocality Empty

Locality Verified no change

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AdministrativeArea Verified alias change

SuperAdministrativeArea Empty

PostalCode Added

Country

ISO2 ISO3

Unmatched

Processed Time

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Address Latitude

Longitude

Accuracy

Distance

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Server Status: ssOK Process Status: psOK

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Building Empty

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Thoroughfare Verified no change

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DependentLocality Empty

Locality Verified no change

SubAdministrativeArea Added

AdministrativeArea Added

SuperAdministrativeArea Empty

PostalCode Added

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Locality Verified no change

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AdministrativeArea Added

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SuperAdministrativeArea Empty

PostalCode Added

Country

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Processed Time

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Address Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOK Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-68779-P6S7F0	SEED Enhance would now apply postcode matching for candidates' selection for Brazil.	API	BR	Address1: Rua Aprígio Veloso, 882 Campina Grande - PB 58429-140 Country: BR

Before Image

Loqate Demonstration UI v2.42.1.16021-4d37ba4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
 Address3
 Address2
 Address1: Rua Aprígio Veloso, 882 Campina Grande - PB 58429-140
 Locality
 AdministrativeArea
 PostalCode
 Country: BR
 OutputCasing
 OutputScript
 PreferPrimaryValidAlias

Output
 Address Quality Index: A | 1 | Result Count: 1
 Address Verification Code: V44-144-P6-100
 Organization: Empty
 SubBuilding: Empty
 Premise: 882 | Verified no change
 Building: Empty
 PostBox: Empty
 Dependent Thoroughfare: Empty
 Thoroughfare: Rua Aprígio Veloso | Verified no change
 DoubleDependentLocality: Empty
 DependentLocality: Bodocongó | Added
 Locality: Campina Grande | Verified no change
 SubAdministrativeArea: Empty
 AdministrativeArea: PB | Verified alias change
 SuperAdministrativeArea: Empty
 PostalCode: 58429-140 | Verified no change
 Country: Brazil
 ISO2: BR | ISO3: BRA
 Unmatched
 Processed Time: 00:00:00.03

Output
 Address: Rua Aprígio Veloso, 882 Bodocongó Campina Grande - PB 58429-140
 Latitude
 Longitude
 Accuracy
 Distance
 Map This Location

Server Status: ssOK | Process Status: psOK

After Image

Loqate Demonstration UI v2.42.0.16076-2081b63 DEBUG

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data
 Address3
 Address2
 Address1: Rua Aprígio Veloso, 882 Campina Grande - PB 58429-140
 Locality
 AdministrativeArea
 PostalCode
 Country: BR
 DefaultCountry
 EnhancedCountryTool
 CertifiedCountryList

Output
 Address Quality Index: A | 1 | Result Count: 1
 Address Verification Code: V44-144-P6-100
 Organization: Empty
 SubBuilding: Empty
 Premise: 882 | Verified no change
 Building: Empty
 PostBox: Empty
 Dependent Thoroughfare: Empty
 Thoroughfare: Rua Aprígio Veloso | Verified no change
 DoubleDependentLocality: Empty
 DependentLocality: Universitário | Added
 Locality: Campina Grande | Verified no change
 SubAdministrativeArea: Empty
 AdministrativeArea: PB | Verified alias change
 SuperAdministrativeArea: Empty
 PostalCode: 58429-140 | Verified no change
 Country: Brazil
 ISO2: BR | ISO3: BRA
 Unmatched
 Processed Time: 00:00:09.80

Output
 Address: Rua Aprígio Veloso, 882 Universitário Campina Grande - PB 58429-140
 Latitude
 Longitude
 Accuracy
 Distance
 Map This Location

Server Status: ssOK | Process Status: psOK

Case Number	Change Description	Category	Country	Example Address
CAS-66819-Y9B1Y3	Server Option PreferPrimaryValidAlias=Yes and OutputScript=Native would now give the correct field status. Previously there were cases where the fields status was Identified and not Verified even though it matches our reference data.	API	All	Address1: 3-5-1, Kibuki-cho Locality: KASUGAI-SHI Country: JP

Before Image

Loqate Demonstration UI v2.42.1.16021-4d37ba4

Input Data: Address3, Address2, Address1 (3-5-1, Kibuki-cho), Locality (KASUGAI-SHI), AdministrativeArea, PostalCode, Country (JP), OutputCasing, OutputScript (Native), PreferPrimaryValidAlias (Yes).

Output: Address Quality Index (C), Address Verification Code (V20-I44-P3-100), Organization, SubBuilding, Premise (3-5-1), Building, PostBox, DependentThoroughfare, Thoroughfare (気喰町), DoubleDependentLocality, DependentLocality, Locality (春日井市), SubAdministrativeArea, AdministrativeArea (愛知県), SuperAdministrativeArea, PostalCode (487-0014), Country (Japan), ISO2 (JP), ISO3 (JPN), Unmatched, Processed Time (00:00:00).

Server Status: ssOK, Process Status: psOK

After Image

Loqate Demonstration UI v2.43.1.16124-20c8f7e

Input Data: Address3, Address2, Address1 (3-5-1, Kibuki-cho), Locality (KASUGAI-SHI), AdministrativeArea, PostalCode, Country (JP), OutputCasing, OutputScript (Native), PreferPrimaryValidAlias (Yes).

Output: Address Quality Index (A), Address Verification Code (V44-I44-P3-100), Organization, SubBuilding, Premise (3-5-1), Building, PostBox, DependentThoroughfare, Thoroughfare (気喰町), DoubleDependentLocality, DependentLocality, Locality (春日井市), SubAdministrativeArea, AdministrativeArea (愛知県), SuperAdministrativeArea, PostalCode (487-0014), Country (Japan), ISO2 (JP), ISO3 (JPN), Unmatched, Processed Time (00:00:00.15).

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 in order 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.