

Loqate, A GBG Solution Release Notes

2020Q2.0 Major Release

GBG Loqate, 805 Veterans Blvd Ste 305, Redwood City CA 94063-1737, USA

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Case Resolutions

Please visit <http://support.loqate.com/2020q2-0-resolved-cases/> for a list of cases resolved in this release.

If you would like more details on any of the solved cases listed, please contact support@loqate.com for further information.

Install Manager Improvements

Install Manager Update

A new version of Install Manager will be available in this release, **version 12.0.0**. In this version, md5 hash files are now available for certification products (CASS, AMAS, and SERP). These are written to txt files following the download and installation. Certification datapacks (*.lfz) will be written to datapacks_* file under the download folder.

Starting with the 2020Q2.0 release, the data folder will include two new files for the md5sum hash values for certifications:

- certification_server_md5<timestamp>.txt
- certification_local_md5<timestamp>.txt

IMPORTANT NOTE: Loqate recommends to backup current data and install the new data to a new folder using the license key to download the data through Install Manager. This will help ensure users are using the latest files from the 2020Q2.0 release.

OS Logging

With this release, Loqate will be making a change to the information being logged when a request is made to the Install Manager web service for new datapacks. In addition to the license key and datapack list, Loqate will now collect the OS and version of the requesting client. This data is being collected so that Loqate can continue to provide support for the latest and most relevant platforms.

Download URL

The download URL button will not be included with Install Manager **version 12.0.0**. Users can still request this feature through the support team if required. Please email support at support@loqate.com and provide the OS version when requesting the Download URLs.

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Directory and File Renaming

The directory and file names are being updated in order to provide clarity on the installers and binaries that are required for installation. With this release, the new structure can be found in /2020Q2.0-NewStructure. From 2020Q3.0 onwards, this structure will be used in place of the existing one.

For more information about this change, along with a side-by-side map of old and new file names, please visit: <https://support.loqate.com/sftp-api-filename-updates/>.

Due to this change, the SFTP Contents section, below, has been removed for this release.

Local API Improvements

Typo Handling Improvement

The matching engine has made some improvements around typo handling. Customers may see improvements with typo handling in New Zealand and France. See Fig. 1 below for examples.

Fig. 1

2020Q1.1

Loqate Demonstration UI v2.33.1.14086 Debug

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

ID

Address1101 Melaneisa Road Kohimarama

Address2AUCKLAND

Locality

AdministrativeArea

PostalCode

CountryNZ

DefaultCountry

OutputScript

AddressLineSeparator

Clear OptionsClear InputClear OutputProcess

Output

Address Quality IndexEResult1Result Count1

Address Verification CodeV42:444-P3-068

OrganizationEmpty

SubBuildingEmpty

Premise101Verified no change

BuildingEmpty

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareMellons Bay RoadVerified large change

DoubleDependentLocalityEmpty

DependentLocalityMellons BayVerified large change

LocalityAucklandVerified no change

SubAdministrativeAreaAuckland CityAdded

AdministrativeAreaAucklandAdded

SuperAdministrativeAreaEmpty

PostalCode2014Added

CountryNew Zealand

ISO2NZISO3NZL

Unmatched

Processed Time00:00:00.16

ShortcutsView AllTo Clipboard

Output

Address101 Mellons Bay Road Mellons Bay Auckland 2014

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOKProcess Status: psOK

2020Q1.1: Sample case for New Zealand. Thoroughfare

"Melaneisa Road" was changed to "Mellaons Bar Road"

2020Q2.0

Loqate Demonstration UI v2.34.1.14780-ef6eac1 Debug

GKRVerifyAutocompleteQueryLog AnalysisReverseGeocode

Input Data

ID

Address1101 Melaneisa Road Kohimarama

Address2AUCKLAND

Locality

AdministrativeArea

PostalCode

CountryNZ

DefaultCountry

OutputScript

AddressLineSeparator

Clear OptionsClear InputClear OutputProcess

Output

Address Quality IndexEResult1Result Count1

Address Verification CodeV42:444-P3-076

OrganizationEmpty

SubBuildingEmpty

Premise101Verified no change

BuildingEmpty

PostBoxEmpty

DependentThoroughfareEmpty

ThoroughfareMelanesia RoadVerified small change

DoubleDependentLocalityEmpty

DependentLocalitySt HeliersVerified large change

LocalityAucklandVerified no change

SubAdministrativeAreaAuckland CityAdded

AdministrativeAreaAucklandAdded

SuperAdministrativeAreaEmpty

PostalCode1071Added

CountryNew Zealand

ISO2NZISO3NZL

Unmatched

Processed Time00:00:00.39

ShortcutsView AllTo Clipboard

Output

Address101 Melanesia Road St Heliers Auckland 1071

Latitude

Longitude

Accuracy

Distance

Map This Location

Server Status: ssOKProcess Status: psOK

2020Q2.0: Sample case for New Zealand. Thoroughfare

"Melaneisa Road" has been fixed as "Melanesia Road"

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Loqate Demonstration UI v2.33.1.14085 Debug

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address1

Address2

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry

OutputScript

AddressLineSeparator

6 RUE DE LA BRIQUETTERIE

Louvres

95380

FR

FR

FR

FR

FR

FR

Clear Options

Clear Input

Clear Output

Process

Output

Address Quality Index

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

8

V42-144-P4-074

6

Rue De La Briquetterie

Louvres

Les Andelys

Eure

Normandie

27400

France

FR

FRA

00:00:00.87

Result

Result Count

1

1

Latitude

Longitude

Accuracy

Distance

Map This Location

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

2020Q1.1: Sample case for France. Locality "Louvres" and PostalCode "95380" were changed to "Louviers" and "27400"

Loqate Demonstration UI v2.34.1.14780-ef6ac1 Debug

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address1

Address2

Locality

AdministrativeArea

PostalCode

Country

DefaultCountry

OutputScript

AddressLineSeparator

6 RUE DE LA BRIQUETTERIE

Louvres

95380

FR

FR

FR

FR

FR

FR

Clear Options

Clear Input

Clear Output

Process

Output

Address Quality Index

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

8

V42-144-P6-099

6

Rue De La Briquetterie

Louvres

Sarcelles

Val-D'Oise

Ile-De-France

95380

France

FR

FRA

00:00:01.13

Result

Result Count

1

1

Latitude

Longitude

Accuracy

Distance

Map This Location

Shortcuts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

2020Q2.0: Sample case for France. "RUE DE LA BRIQUETTERIE" has been fixed as "Rue De La Briquetterie", as such, Locality and PostalCode are verified

Certification Expiration Dates

If you have purchased either the CASS (USA) or AMAS (Australia) certified products, please be aware that the datasets have expiration dates set by the respective postal authorities. Please ensure that you have the latest library and data installed to avoid loss of service through these products.

	Loqate Release Date	Certification Expiry Date*
AMAS Data	2020-02-06	2020-06-30
CASS Data	2020-04-15	2020-07-29

*Certification Expiry Date is different from Loqate license key expiry date. The earliest expiry date will apply.

Please check Install Manager for the latest versions of AMAS and CASS.

For more information on expiry date checking for CASS and AMAS, please refer "Usage expiration" section in <https://support.loqate.com/documentation/local-apis/cass-overview-2/> and <https://support.loqate.com/address-matching-approval-system-amas/>

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Country Improvement Program (PDH)

The following section will display the changes made during the country improvement program. For this quarter, we have released improved datasets for the countries: [Russia](#), [Ukraine](#), and [Slovenia](#).

For more details on our Country Improvement Program, please visit the support site [here](#).

Current Countries Completed PDH

COUNTRY	DATE PDH COMPLETED	VERIFICATION LEVEL
RUSSIA	2020-04	L4
UKRAINE	2020-04	L4+
SLOVENIA	2020-04	L4+
IRELAND	2020-02	L4
SLOVAKIA	2020-02	L4
ANGOLA	2020-02	L3
ISRAEL	2019-11	L4
BELGIUM	2019-10	L4+
GREECE	2019-10	L4
INDIA	2019-10	L4
TURKEY	2019-10	L4
ARGENTINA	2019-07	L4
COLOMBIA	2019-07	L4
ITALY	2019-07	L4
THAILAND	2019-07	L4
PERU	2019-07	L4
SAN MARINO	2019-07	L4
HAITI	2019-07	L3-
NICARAGUA	2019-07	L3-
QATAR	2019-07	L4
UNITED ARAB EMIRATES	2019-07	L4
KOREA, REPUBLIC OF	2019-04	L4
PORTUGAL	2019-04	L4
SPAIN	2019-04	L4
MALAYSIA	2019-04	L4
PHILIPPINES	2019-04	L4
URUGUAY	2019-04	L4
ISLE OF MAN	2019-04	L5
GUERNSEY	2019-04	L5
JERSEY	2019-04	L5
LITHUANIA	2019-04	L4
SINGAPORE	2018-10	L4
SOUTH AFRICA	2018-10	L4
AUSTRIA	2018-10	L4
COUNTRY	Date PDH Completed	Verification Level

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BRAZIL	2018-07	L4
MEXICO	2018-07	L4
CZECH REPUBLIC	2018-04	L4
UNITED STATES	2018-01	L5
JAPAN	2018-01	L4
DENMARK	2018-01	L5
NORWAY	2018-01	L4
GERMANY	2017-11	L4
NETHERLANDS	2017-10	L4
NEW ZEALAND	2017-10	L5
FRENCH POLYNESIA	2017-10	L3
FRANCE	2017-07	L4
SWEDEN	2017-07	L4
CANADA	2017-04	L5
AUSTRALIA	2017-04	L5
SWITZERLAND	2017-01	L4
FINLAND	2017-01	L4
EGYPT	2017-01	L4
ANDORRA	2017-01	L4
ECUADOR	2017-01	L4

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Country Information	Description
ISO2	UA
ISO3	UKR
Address Format	Organization PostBox Building Thoroughfare Premise SubBuilding DependentThoroughfare DoubleDependentLocality DependentLocality Locality AdministrativeArea PostalCode
PDH	YES
PDH completed date	2020-04
New Source	NO

	Pre-PDH	Post-PDH
Reference Data	rd_UA.lfs rd_UA_ai.lfs rd_UA_geop.lfs rd_UA_geop_r.lfs rd_UA_geop_rg.lfs rd_UA_r.lfs rd_UA_rg.lfs	rd_UA_ggg.lfs rd_UA_ggg_rg.lfs rd_UA_ggg_r.lfs rd_UA_vfy_ai.lfs rd_UA_vfy.lfs

2020Q1.1

Logate Demonstration UI v2.34.0.14420-efa52b4

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTl

DefaultCountry

Clear Options

Clear Input

Clear Output

Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

DoubleDependentLocality

DependentLocality

Locality

Sub-AdministrativeArea

AdministrativeArea

Super-AdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

Startouts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

Thoroughfare is only identified no change

2020Q2.0

Logate Demonstration UI v2.34.0.14420-efa52b4

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScoreAbsoluteTl

DefaultCountry

Clear Options

Clear Input

Clear Output

Process

Output

Address

Latitude

Longitude

Accuracy

Distance

Address Verification Code

Organization

SubBuilding

Premise

Building

PostBox

DependentThoroughfare

DoubleDependentLocality

DependentLocality

Locality

Sub-AdministrativeArea

AdministrativeArea

Super-AdministrativeArea

PostalCode

Country

ISO2

ISO3

Unmatched

Processed Time

Startouts

View All

To Clipboard

Server Status: ssOK

Process Status: psOK

Thoroughfare has become verified alias change

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Logate Demonstration UI v2.34.0.14420-efa52b4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScore/Absolute TI

DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code P22-55-P6-100

Organization

SubBuilding Identified alias

Premise Identified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Identified alias

DoubleDependentLocality

DependentLocality Added

Locality Verified alias change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.03

Startouts View All To Clipboard

Server Status: ssOK Process Status: psOK

Premise Number doesn't exist in Reference Data

Logate Demonstration UI v2.34.0.14420-efa52b4

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Address2

Address1

Locality

AdministrativeArea

PostalCode

Country

MatchScore/Absolute TI

DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address Quality Index 1 Result Count 1

Address Verification Code V42-55-P6-099

Organization

SubBuilding Identified alias

Premise Verified no change

Building

PostBox

DependentThoroughfare

Thoroughfare Verified small change

DoubleDependentLocality

DependentLocality Added

Locality Verified alias change

SubAdministrativeArea

AdministrativeArea Added

SuperAdministrativeArea

PostalCode Verified no change

Country

ISO2 ISO3

Unmatched

Processed Time 00:00:00.03

Startouts View All To Clipboard

Server Status: ssOK Process Status: psOK

Premise Number exist in Reference Data which make the address become verified until Level 4

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Russia

Country Information	Description
ISO2	RU
ISO3	RUS
Address Format	Organization PostBox Building Thoroughfare Premise SubBuilding DependentThoroughfare DoubleDependentLocality DependentLocality Locality AdministrativeArea PostalCode
PDH	YES
PDH completed date	2020Q2.0
New Source	

	Pre-PDH	Post-PDH
Reference Data	rd_RU_geo.lfs rd_RU_geop.lfs rd_RU_geop_r1.lfs rd_RU_geop_rg.lfs rd_RU_geop_r.lfs rd_RU_geo_rg.lfs rd_RU_geo_r.lfs rd_RU_vfy_ai.lfs rd_RU_vfy.lfs	rd_RU_ggg.lfs rd_RU_ggg_r1.lfs rd_RU_ggg_r2.lfs rd_RU_ggg_rg.lfs rd_RU_ggg_r.lfs rd_RU_vfy_ai.lfs rd_RU_vfy.lfs

Russia: When comparing to 2020Q1.1, there is an overall uplift of ~15% to 19%

2020Q1.1	2020Q2.0
2020Q1.1 - District is at Locality level.	2020Q2.0 - District is re-aligned to SubAdministrativeArea level.

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2020Q1.1 - Thoroughfare incorrectly parsed to Locality.

2020Q2.0 - Thoroughfare correctly parsed.

2020Q1.1 - Incorrectly verified to other thoroughfare

2020Q2.0 - Thoroughfare correctly verified. (More thoroughfare aliases covered)



- Alignment corrections have been made at SubAdministrativeArea level (Districts).

Slovenia

Country Information	Description
ISO2	SI
ISO3	SVN
Address Format	Building SubBuilding Organization PostBox Thoroughfare Premise DependentThoroughfare DoubleDependentLocality DependentLocality PostalCode Locality
PDH	YES
PDH completed date	2020-04
New Source	NO

	Pre-PDH	Post-PDH
Reference Data	rd_SI.lfs rd_SI_ai.lfs rd_SI_rg.lfs rd_SI_geop.lfs rd_SI_geop_rg.lfs	rd_SI_ggg.lfs rd_SI_ggg_rg.lfs rd_SI_vfy_ai.lfs rd_SI_vfy.lfs

2020Q1.1

Logate Demonstration UI v2.34.1.14634-5960ec9

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID: [Empty]

Organization: [Empty]

Address: **RIBISKO DRUSTVO PLANINA 79**

Locality: PLANINA

AdministrativeArea: [Empty]

PostalCode: 6232

Country: Slovenia

ReferenceMerge: [Empty] ☐ Erase ☒ Verify

ForceCountry: [Empty] ☐ Match ☐ Search

DefaultCountry: [Empty] ☐ Format ☒ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index: [Empty] 1 Result Count: 1

Address Verification Code: P22-I24-P6-100

Organization: [Empty] Empty

SubBuilding: [Empty] Empty

Premise: 79 Identified no change

Building: [Empty] Empty

PostBox: [Empty] Empty

DependentThoroughfare: [Empty] Empty

Thoroughfare: **Ribisko Drustvo Planina Planina** Identified context

DoubleDependentLocality: [Empty] Empty

DependentLocality: Planina Verified no change

Locality: Postogina [(Context_57.50)(Lexicon_0.205) M:100]

SubAdministrativeArea: [Empty] Empty

AdministrativeArea: Postogina Added

SuperAdministrativeArea: [Empty] Empty

PostalCode: 6232 Verified no change

Country: Slovenia

ISO2: SI ISO3: SVN

Unmatched: [Empty]

Processed Time: 00:00:00

Storcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2020Q1.1 - 'RIBISKO DRUSTVO PLANINA' which is an Organization is wrongly combined and parsed into Thoroughfare field.

2020Q2.0

Logate Demonstration UI v2.34.1.14634-5960ec9

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID: [Empty]

Organization: [Empty]

Address: **RIBISKO DRUSTVO PLANINA 79**

Locality: PLANINA

AdministrativeArea: [Empty]

PostalCode: 6232

Country: Slovenia

ReferenceMerge: [Empty] ☐ Erase ☒ Verify

ForceCountry: [Empty] ☐ Match ☐ Search

DefaultCountry: [Empty] ☐ Format ☒ Geocode

☐ Enhance

Clear Options Clear Input Clear Output Process

Output

Address Quality Index: A 1 Result Count: 1

Address Verification Code: V44-I55-P6-100

Organization: **Ribisko Drustvo Planina** Identified alias

SubBuilding: [Empty] Empty

Premise: 79 Verified no change

Building: [Empty] Empty

PostBox: [Empty] Empty

DependentThoroughfare: [Empty] Empty

Thoroughfare: **Planina** Verified no change

DoubleDependentLocality: [Empty] Empty

DependentLocality: [Empty] Empty

Locality: Planina Verified no change

SubAdministrativeArea: [Empty] Empty

AdministrativeArea: Postogina Added

SuperAdministrativeArea: Primorsko-Notranjska Added

PostalCode: 6232 Verified no change

Country: Slovenia

ISO2: SI ISO3: SVN

Unmatched: [Empty]

Processed Time: 00:00:00

Storcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2020Q2.0 - 'RIBISKO DRUSTVO PLANINA' is correctly parsed into Organization field and Thoroughfare is verified.

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Logate Demonstration UI v2.34.1.14634-5960ec9

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

ALOUZ HRIBAR - NOSILEC
DOPOLNINE DEJAVNOSTI NA
KMETUJ PODOBOJE 36

Locality

PODOBOJE

AdministrativeArea

PostalCode

8312

Country

Slovenia

ReferenceMerge

ForceCountry

DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address

Alouz Hribar - Nosilec Dopoln

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Verification Code

U00-U00-P0-000

Organization

SubBuilding

Premise

Building

PostBox

Dependent Thoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

Podboje

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

8312

Country

Slovenia

ISO2

SI

ISO3

SVN

Unmatched

Processed Time

00:00:00.04

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2020Q1.1 - Locality and PostalCode are unrecognized

Logate Demonstration UI v2.34.1.14634-5960ec9

GKR Verify Autocomplete Query Log Analysis ReverseGeocode

Input Data

ID

Organization

Address

ALOUZ HRIBAR - NOSILEC
DOPOLNINE DEJAVNOSTI NA
KMETUJ PODOBOJE 36

Locality

PODOBOJE

AdministrativeArea

PostalCode

8312

Country

Slovenia

ReferenceMerge

ForceCountry

DefaultCountry

Clear Options Clear Input Clear Output Process

Output

Address

Alouz Hribar - Nosilec Dopoln

Latitude

Longitude

Accuracy

Distance

Map This Location

Address Verification Code

V42I55-P6-097

Organization

Alouz Hribar - Nosilec Dopolnne Dejavnost Na Kmetu

SubBuilding

Premise

Building

PostBox

Dependent Thoroughfare

Thoroughfare

DoubleDependentLocality

DependentLocality

Locality

Podboje

SubAdministrativeArea

AdministrativeArea

SuperAdministrativeArea

PostalCode

8312

Country

Slovenia

ISO2

SI

ISO3

SVN

Unmatched

Processed Time

00:00:00.00

Shortcuts View All To Clipboard

Server Status: ssOK Process Status: psOK

2020Q2.0 - Locality and PostalCode are verified

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Knowledge Base & Reference Data Updates

The table below shows which countries have been updated, and how, in this release.
If there is a PDH in the reference data column, this shows a country was included in the country improvement project.

- Reference Data = 180
- Lexicons = 15
- Context Rules = 2
- New PDH Countries = 3 (Russia, Slovenia, Ukraine)

COUNTRY NAME	ISO CODE	CONTEXT RULES	LEXICONS	REFERENCE DATA
ANDORRA	AD			
UNITED ARAB EMIRATES	AE			
AFGHANISTAN	AF			X
ANTIGUA AND BARBUDA	AG			X
ANGUILLA	AI			X
ALBANIA	AL			X
ARMENIA	AM			X
ANGOLA	AO			
ANTARCTICA	AQ			
ARGENTINA	AR		X	
AMERICAN SAMOA	AS			X
AUSTRIA	AT		X	X
AUSTRALIA	AU		X	X
ARUBA	AW			X
ÅLAND ISLANDS	AX			X
AZERBAIJAN	AZ			X
BOSNIA AND HERZEGOVINA	BA			X
BARBADOS	BB			X
BANGLADESH	BD			X
BELGIUM	BE			
BURKINA FASO	BF			X
BULGARIA	BG			
BAHRAIN	BH			
BURUNDI	BI			
BENIN	BJ			X
SAINT BARTHÉLEMY	BL			X
BERMUDA	BM			X
BRUNEI DARUSSALAM	BN			X
BOLIVIA (PLURINATIONAL STATE OF)	BO			X
BONAIRE, SINT EUSTATIUS AND SABA	BQ			X
BRAZIL	BR			
BAHAMAS	BS			X
BHUTAN	BT			X
BOUVET ISLAND	BV			

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COUNTRY NAME	ISO CODE	CONTEXT RULES	LEXICONS	REFERENCE DATA
BOTSWANA	BW			
BELARUS	BY			
BELIZE	BZ			X
CANADA	CA		X	X
COCOS (KEELING) ISLANDS	CC			X
CONGO, DEMOCRATIC REPUBLIC OF THE	CD			X
CENTRAL AFRICAN REPUBLIC	CF			X
CONGO	CG			X
SWITZERLAND	CH			
CÔTE D'IVOIRE	CI			X
COOK ISLANDS	CK			X
CHILE	CL			
CAMEROON	CM			X
CHINA	CN			X
COLOMBIA	CO			
COSTA RICA	CR			X
CUBA	CU			X
CABO VERDE	CV			X
CURAÇAO	CW			X
CHRISTMAS ISLAND	CX			X
CYPRUS	CY			X
CZECHIA	CZ			
GERMANY	DE		X	X
DJIBOUTI	DJ			X
DENMARK	DK			X
DOMINICA	DM			X
DOMINICAN REPUBLIC	DO			X
ALGERIA	DZ			X
ECUADOR	EC			
ESTONIA	EE			X
EGYPT	EG			
WESTERN SAHARA	EH			X
ERITREA	ER			X
SPAIN	ES			
ETHIOPIA	ET			X
FINLAND	FI			
FIJI	FJ			X
FALKLAND ISLANDS (MALVINAS)	FK			X
MICRONESIA (FEDERATED STATES OF)	FM			X
FAROE ISLANDS	FO			X
FRANCE	FR		X	X
GABON	GA			X
UNITED KINGDOM	GB			X
GRENADA	GD			X
GEORGIA	GE			

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COUNTRY NAME	ISO CODE	CONTEXT RULES	LEXICONS	REFERENCE DATA
FRENCH GUIANA	GF			X
GUERNSEY	GG			
GHANA	GH			X
GIBRALTAR	GI			X
GREENLAND	GL			X
GAMBIA	GM			X
GUINEA	GN			X
GUADELOUPE	GP			
EQUATORIAL GUINEA	GQ			X
GREECE	GR			
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS			X
GUATEMALA	GT			X
GUAM	GU			X
GUINEA-BISSAU	GW			X
GUYANA	GY			X
HONG KONG	HK			X
HEARD ISLAND AND MCDONALD ISLANDS	HM			
HONDURAS	HN			
CROATIA	HR			X
HAITI	HT			
HUNGARY	HU			
INDONESIA	ID			
IRELAND	IE	X	X	X
ISRAEL	IL		X	X
ISLE OF MAN	IM			X
INDIA	IN			X
BRITISH INDIAN OCEAN TERRITORY	IO			X
IRAQ	IQ			X
IRAN	IR			X
ICELAND	IS			
ITALY	IT			X
JERSEY	JE		X	X
JAMAICA	JM			
JORDAN	JO			X
JAPAN	JP			
KENYA	KE			X
KYRGYZSTAN	KG			X
CAMBODIA	KH			X
KIRIBATI	KI			X
COMOROS	KM			X
SAINT KITTS AND NEVIS	KN			X
KOREA (DEMOCRATIC PEOPLE'S REPUBLIC OF)	KP			X

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COUNTRY NAME	ISO CODE	CONTEXT RULES	LEXICONS	REFERENCE DATA
KOREA, REPUBLIC OF	KR			
KUWAIT	KW			X
CAYMAN ISLANDS	KY			X
KAZAKHSTAN	KZ			
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LA			X
LEBANON	LB			X
SAINT LUCIA	LC			X
LIECHTENSTEIN	LI			
SRI LANKA	LK			X
LIBERIA	LR			X
LESOTHO	LS			X
LITHUANIA	LT		X	X
LUXEMBOURG	LU			
LATVIA	LV			
LIBYA	LY			X
MOROCCO	MA			X
MONACO	MC			X
MOLDOVA, REPUBLIC OF	MD			X
MONTENEGRO	ME			X
SAINT MARTIN (FRENCH PART)	MF			X
MADAGASCAR	MG			X
MARSHALL ISLANDS	MH			X
NORTH MACEDONIA	MK			X
MALI	ML			X
MYANMAR	MM			X
MONGOLIA	MN			X
MACAO	MO			
NORTHERN MARIANA ISLANDS	MP			X
MARTINIQUE	MQ			X
MAURITANIA	MR			X
MONTSERRAT	MS			X
MALTA	MT			X
MAURITIUS	MU			X
MALDIVES	MV			X
MALAWI	MW			X
MEXICO	MX			
MALAYSIA	MY			
MOZAMBIQUE	MZ			
NAMIBIA	NA			X
NEW CALEDONIA	NC			X
NIGER	NE			X
NORFOLK ISLAND	NF			X
NIGERIA	NG			
NICARAGUA	NI			
NETHERLANDS	NL			

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COUNTRY NAME	ISO CODE	CONTEXT RULES	LEXICONS	REFERENCE DATA
NORWAY	NO			
NEPAL	NP			X
NAURU	NR			X
NIUE	NU			X
NEW ZEALAND	NZ			X
OMAN	OM			X
PANAMA	PA			
PERU	PE			
FRENCH POLYNESIA	PF			X
PAPUA NEW GUINEA	PG			X
PHILIPPINES	PH		X	X
PAKISTAN	PK			X
POLAND	PL			
SAINT PIERRE AND MIQUELON	PM			X
PITCAIRN	PN			X
PUERTO RICO	PR			
PALESTINE, STATE OF	PS			X
PORTUGAL	PT		X	
PALAU	PW			X
PARAGUAY	PY			X
QATAR	QA			
RÉUNION	RE			X
ROMANIA	RO			X
SERBIA	RS			
RUSSIAN FEDERATION	RU	X	X	PDH
RWANDA	RW			X
SAUDI ARABIA	SA			
SOLOMON ISLANDS	SB			X
SEYCHELLES	SC			X
SUDAN	SD			X
SWEDEN	SE			
SINGAPORE	SG			
SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA	SH			X
SLOVENIA	SI		X	PDH
SVALBARD AND JAN MAYEN	SJ			X
SLOVAKIA	SK			
SIERRA LEONE	SL			X
SAN MARINO	SM			
SENEGAL	SN			X
SOMALIA	SO			X
SURINAME	SR			X
SOUTH SUDAN	SS			X
SAO TOME AND PRINCIPE	ST			X
EL SALVADOR	SV			X

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COUNTRY NAME	ISO CODE	CONTEXT RULES	LEXICONS	REFERENCE DATA
SINT MAARTEN (DUTCH PART)	SX			
SYRIAN ARAB REPUBLIC	SY			X
SWAZILAND	SZ			X
TURKS AND CAICOS ISLANDS	TC			X
CHAD	TD			X
FRENCH SOUTHERN TERRITORIES	TF			X
TOGO	TG			X
THAILAND	TH			
TAJIKISTAN	TJ			X
TOKELAU	TK			X
TIMOR-LESTE	TL			X
TURKMENISTAN	TM			X
TUNISIA	TN			X
TONGA	TO			X
TURKEY	TR			
TRINIDAD AND TOBAGO	TT			X
TUVALU	TV			X
TAIWAN	TW			
TANZANIA, UNITED REPUBLIC OF	TZ			X
UKRAINE	UA		X	PDH
UGANDA	UG			
UNITED STATES MINOR OUTLYING ISLANDS	UM			X
UNITED STATES OF AMERICA	US			X
URUGUAY	UY			
UZBEKISTAN	UZ			X
VATICAN CITY	VA			X
SAINT VINCENT AND THE GRENADINES	VC			X
VENEZUELA (BOLIVARIAN REPUBLIC OF)	VE			X
VIRGIN ISLANDS (BRITISH)	VG			X
VIRGIN ISLANDS (U.S.)	VI			X
VIET NAM	VN			
VANUATU	VU			X
WALLIS AND FUTUNA	WF			X
SAMOA	WS			X
YEMEN	YE			X
MAYOTTE	YT			X
SOUTH AFRICA	ZA			
ZAMBIA	ZM			X
ZIMBABWE	ZW			X

Installation Instructions

The 2020Q2.0 release makes improvements to the performance of the verification process and the quality of the results.

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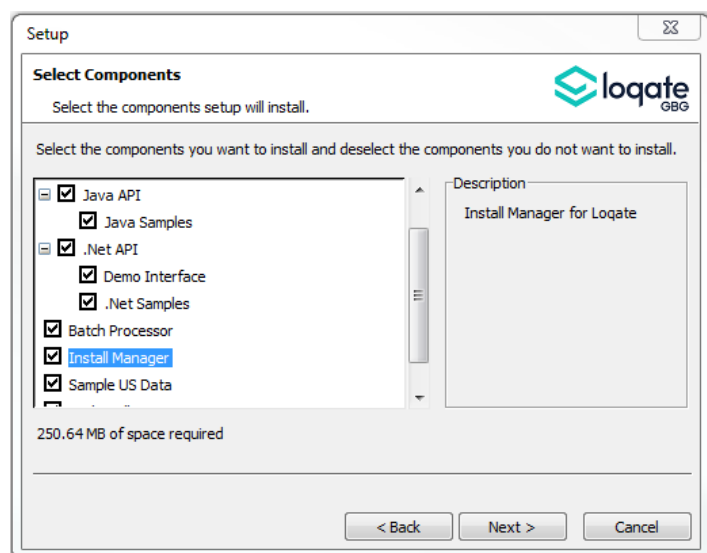
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Please remember to update both the program files and the reference data. The improvements are tied to the data in the Global Knowledge Repository and the Local API. If you need any assistance with the upgrade of the Local API or the data update process, 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 support@loqate.com.

[GBG Loqate data packs](#) can be downloaded and installed using the Install Manager. This is a component you will need to select during the installation of the Local API as shown below.



Standard GBG Loqate Installation (Multi-Threaded)

1. Download the contents of the [2020Q2.0/AppInstaller](#) directory (or new [2020Q2.0-NewStructure/app-installer-mt](#)).
2. Check the MD5 checksums to ensure that the download has been successful.
3. Run the relevant Loqate Local API installer. Please note you may need to add execute privileges to the relevant installer when using Linux. Make sure the option "Install Manager" is selected for installation.
4. Execute the Install Manager script (InstallManager.bat on Windows and InstallManager.sh on other Linux/Unix platforms) and install the data. For further details, please review the 2020Q2.0 Installation Instructions document.
5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

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Standard GBG Loqate Installation (Single-Threaded)

1. Download the contents of the [2020Q2.0/STAppInstaller](#) directory (or new [2020Q2.0-NewStructure/app-installer-st](#)).
2. Check the MD5 checksums to ensure that the download has been successful.
3. Run the relevant Loqate Local API installer. Please note you may need to add execute privileges to the relevant installer when using Linux. Make sure the option "Install Manager" is selected for installation.
4. Execute the InstallManager script (InstallManager.bat on Windows and InstallManager.sh on other Linux/Unix platforms) and install the data. For further details, please review the 2020Q2.0 Installation Instructions document.
5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

SFTP Server Contents

This section has been intentionally removed for this release.

Please see <https://support.loqate.com/sftp-api-filename-updates/> for more information about the file contents for this release delivery.

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