**Loqate, A GBG Solution Release Notes**

2020Q2.1 Minor Release

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Case Resolutions

Please visit <http://support.loqate.com/2020q2-1-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.

Local API Improvements

## Search

When running Search in 2020Q1.0 or 2020Q1.1, users may receive the error message: “Unknown error" or the user may experience having to rerun the query to receive results; these issues are now resolved with the 2020Q2.1 release.

## Windows VS2019 Installer

Please note, when running the installer in *silent mode*, some users may receive the below prompts. The setup failure does not relate to the Loqate installation, and Loqate will install as expected. A resolution and root cause will be provided shortly.

Examples of the prompts include:





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.

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

|  |  |  |
| --- | --- | --- |
|   | **Loqate Release Date** | **Certification Expiry Date\*** |
| AMAS Data | 2020-05-28 | 2020-09-30 |
| CASS Data | 2020-05-28 | 2020-08-28 |
| *\*Certification Expiry Date is different from Loqate license key expiry date. The earliest expiry date will apply.* |

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/

 Reference Data & Knowledge Base Improvements

## Germany (DEU)

In this release, Locker Box information is a new feature for the Germany dataset. If an input record has locker box or pack station information, the PostBox field will display the prefix ‘Locker Box’ followed by the locker box number. The Locker Box number, if verifiable, will be considered level 5 (Delivery Point: PostBox or SubBuilding) in the AVC code.

The 2020Q2.1 also includes additional English Names, at the locality level, for Germany data.

|  |  |
| --- | --- |
| **2020Q2.0** | **2020Q2.1** |
| Postbox is empty and address only verified up to Level 4. | Postbox is added with Locker box number and address can be verified up to Level 5. |

|  |  |
| --- | --- |
| **2020Q2.0** | **2020Q2.1** |
| Locality with English name input is verified with alias change. | Locality with English name is verified with no change. |

## 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 = 18
* Lexicons = 7
* Context Rules = 2

| **COUNTRY NAME** | **ISO CODE** | **CONTEXT RULES** | **LEXICONS** | **REFERENCE DATA** |
| --- | --- | --- | --- | --- |
| ANDORRA | AD |   |   |   |
| UNITED ARAB EMIRATES | AE |   |   |   |
| AFGHANISTAN | AF |   |   |   |
| ANTIGUA AND BARBUDA | AG |   |   |   |
| ANGUILLA | AI |   |   |   |
| ALBANIA | AL |   |   |   |
| ARMENIA | AM |   |   |   |
| ANGOLA | AO |   |   |   |
| ANTARCTICA | AQ |   |   |   |
| ARGENTINA | AR |   |   |   |
| AMERICAN SAMOA | AS |   |   | X |
| AUSTRIA | AT |   |   |   |
| AUSTRALIA | AU |   | X | X |
| ARUBA | AW |   |   |   |
| ÅLAND ISLANDS | AX |   |   |   |
| AZERBAIJAN | AZ |   |   |   |
| BOSNIA AND HERZEGOVINA | BA |   |   |   |
| BARBADOS | BB |   |   |   |
| BANGLADESH | BD |   |   |   |
| BELGIUM | BE |   |   |   |
| BURKINA FASO | BF |   |   |   |
| BULGARIA | BG |   |   |   |
| BAHRAIN | BH |   |   |   |
| BURUNDI | BI |   |   |   |
| BENIN | BJ |   |   |   |
| SAINT BARTHÉLEMY | BL |   | X |   |
| BERMUDA | BM |   |   |   |
| BRUNEI DARUSSALAM | BN |   |   |   |
| BOLIVIA (PLURINATIONAL STATE OF) | BO |   |   |   |
| BONAIRE, SINT EUSTATIUS AND SABA | BQ |   |   |   |
| BRAZIL | BR |   |   |   |
| BAHAMAS | BS |   |   |   |
| BHUTAN | BT |   |   |   |
| BOUVET ISLAND | BV |   |   |   |
| BOTSWANA | BW |   |   |   |
| BELARUS | BY |   |   |   |
| BELIZE | BZ |   |   |   |
| CANADA | CA |   |   | X |
| COCOS (KEELING) ISLANDS | CC |   |   |   |
| CONGO, DEMOCRATIC REPUBLIC OF THE | CD |   |   |   |
| CENTRAL AFRICAN REPUBLIC | CF |   |   |   |
| CONGO | CG |   |   |   |
| SWITZERLAND | CH |   |   |   |
| CÔTE D'IVOIRE | CI |   |   |   |
| COOK ISLANDS | CK |   |   |   |
| CHILE | CL |   |   |   |
| CAMEROON | CM |   |   |   |
| CHINA | CN |   |   |   |
| COLOMBIA | CO |   |   |   |
| COSTA RICA | CR |   |   |   |
| CUBA | CU |   |   |   |
| CABO VERDE | CV |   |   |   |
| CURAÇAO | CW |   |   |   |
| CHRISTMAS ISLAND | CX |   |   |   |
| CYPRUS | CY |   |   |   |
| CZECHIA | CZ |   |   |   |
| GERMANY | DE |   | X | X |
| DJIBOUTI | DJ |   |   |   |
| DENMARK | DK |   |   |   |
| DOMINICA | DM |   |   |   |
| DOMINICAN REPUBLIC | DO |   |   |   |
| ALGERIA | DZ |   |   |   |
| ECUADOR | EC |   |   |   |
| ESTONIA | EE |   |   |   |
| EGYPT | EG |   |   |   |
| WESTERN SAHARA | EH |   |   |   |
| ERITREA | ER |   |   |   |
| SPAIN | ES |   |   |   |
| ETHIOPIA | ET |   |   |   |
| FINLAND | FI |   |   | X |
| FIJI | FJ |   |   |   |
| FALKLAND ISLANDS (MALVINAS) | FK |   |   |   |
| MICRONESIA (FEDERATED STATES OF) | FM |   |   | X |
| FAROE ISLANDS | FO |   |   |   |
| FRANCE | FR |   |   |   |
| GABON | GA |   |   |   |
| UNITED KINGDOM | GB |   |   | X |
| GRENADA | GD |   |   |   |
| GEORGIA | GE |   |   |   |
| FRENCH GUIANA | GF |   |   |   |
| GUERNSEY | GG |   |   | X |
| GHANA | GH |   |   |   |
| GIBRALTAR | GI |   |   |   |
| GREENLAND | GL |   |   |   |
| GAMBIA | GM |   |   |   |
| GUINEA | GN |   |   |   |
| GUADELOUPE | GP |   |   |   |
| EQUATORIAL GUINEA | GQ |   |   |   |
| GREECE | GR |   |   |   |
| SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS | GS |   |   |   |
| GUATEMALA | GT |   |   |   |
| GUAM | GU |   |   | X |
| GUINEA-BISSAU | GW |   |   |   |
| GUYANA | GY |   |   |   |
| HONG KONG | HK |   |   |   |
| HEARD ISLAND AND MCDONALD ISLANDS | HM |   |   |   |
| HONDURAS | HN |   |   |   |
| CROATIA | HR |   |   |   |
| HAITI | HT |   |   |   |
| HUNGARY | HU |   |   |   |
| INDONESIA | ID |   |   |   |
| IRELAND | IE | X | X |   |
| ISRAEL | IL |   |   |   |
| ISLE OF MAN | IM |   |   | X |
| INDIA | IN |   |   |   |
| BRITISH INDIAN OCEAN TERRITORY | IO |   |   |   |
| IRAQ | IQ |   |   |   |
| IRAN | IR |   |   |   |
| ICELAND | IS |   |   |   |
| ITALY | IT |   |   |   |
| JERSEY | JE |   |   | X |
| JAMAICA | JM |   |   |   |
| JORDAN | JO |   |   |   |
| JAPAN | JP |   |   |   |
| KENYA | KE |   |   |   |
| KYRGYZSTAN | KG |   |   |   |
| CAMBODIA | KH |   |   |   |
| KIRIBATI | KI |   |   |   |
| COMOROS | KM |   |   |   |
| SAINT KITTS AND NEVIS | KN |   |   |   |
| KOREA (DEMOCRATIC PEOPLE'S REPUBLIC OF) | KP |   |   |   |
| KOREA, REPUBLIC OF | KR |   |   |   |
| KUWAIT | KW |   |   |   |
| CAYMAN ISLANDS | KY |   |   |   |
| KAZAKHSTAN | KZ |   |   |   |
| LAO PEOPLE'S DEMOCRATIC REPUBLIC | LA |   |   |   |
| LEBANON | LB |   |   |   |
| SAINT LUCIA | LC |   |   |   |
| LIECHTENSTEIN | LI |   |   |   |
| SRI LANKA | LK |   |   |   |
| LIBERIA | LR |   |   |   |
| LESOTHO | LS |   |   |   |
| LITHUANIA | LT |   |   |   |
| LUXEMBOURG | LU |   |   |   |
| LATVIA | LV |   |   |   |
| LIBYA | LY |   |   |   |
| MOROCCO | MA |   |   |   |
| MONACO | MC |   |   |   |
| MOLDOVA, REPUBLIC OF | MD |   |   |   |
| MONTENEGRO | ME |   |   |   |
| SAINT MARTIN (FRENCH PART) | MF |   | X |   |
| MADAGASCAR | MG |   |   |   |
| MARSHALL ISLANDS | MH |   |   | X |
| NORTH MACEDONIA | MK |   |   |   |
| MALI | ML |   |   |   |
| MYANMAR | MM |   |   |   |
| MONGOLIA | MN |   |   |   |
| MACAO | MO |   |   |   |
| NORTHERN MARIANA ISLANDS | MP |   |   | X |
| MARTINIQUE | MQ |   |   |   |
| MAURITANIA | MR |   |   |   |
| MONTSERRAT | MS |   |   |   |
| MALTA | MT |   |   |   |
| MAURITIUS | MU |   |   |   |
| MALDIVES | MV |   |   |   |
| MALAWI | MW |   |   |   |
| MEXICO | MX |   |   |   |
| MALAYSIA | MY |   |   |   |
| MOZAMBIQUE | MZ |   |   |   |
| NAMIBIA | NA |   |   |   |
| NEW CALEDONIA | NC |   |   |   |
| NIGER | NE |   |   |   |
| NORFOLK ISLAND | NF |   |   |   |
| NIGERIA | NG |   |   |   |
| NICARAGUA | NI |   |   |   |
| NETHERLANDS | NL |   |   |   |
| NORWAY | NO |   |   |   |
| NEPAL | NP |   |   |   |
| NAURU | NR |   |   |   |
| NIUE | NU |   |   |   |
| NEW ZEALAND | NZ |   |   |   |
| OMAN | OM |   |   |   |
| PANAMA | PA |   |   |   |
| PERU | PE |   |   |   |
| FRENCH POLYNESIA | PF |   |   |   |
| PAPUA NEW GUINEA | PG |   |   |   |
| PHILIPPINES | PH |   |   |   |
| PAKISTAN | PK |   |   |   |
| POLAND | PL |   |   |   |
| SAINT PIERRE AND MIQUELON | PM |   |   |   |
| PITCAIRN | PN |   |   |   |
| PUERTO RICO | PR |   |   | X |
| PALESTINE, STATE OF | PS |   |   |   |
| PORTUGAL | PT |   |   |   |
| PALAU | PW |   |   | X |
| PARAGUAY | PY |   |   |   |
| QATAR | QA |   |   |   |
| RÉUNION | RE |   |   |   |
| ROMANIA | RO |   |   |   |
| SERBIA | RS |   |   |   |
| RUSSIAN FEDERATION | RU |   | X | X |
| RWANDA | RW |   |   |   |
| SAUDI ARABIA | SA |   |   |   |
| SOLOMON ISLANDS | SB |   |   |   |
| SEYCHELLES | SC |   |   |   |
| SUDAN | SD |   |   |   |
| SWEDEN | SE |   |   |   |
| SINGAPORE | SG |   |   |   |
| SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA | SH |   |   |   |
| SLOVENIA | SI |   |   |   |
| SVALBARD AND JAN MAYEN | SJ |   |   |   |
| SLOVAKIA | SK | X |   |   |
| SIERRA LEONE | SL |   |   |   |
| SAN MARINO | SM |   |   |   |
| SENEGAL | SN |   |   |   |
| SOMALIA | SO |   |   |   |
| SURINAME | SR |   |   |   |
| SOUTH SUDAN | SS |   |   |   |
| SAO TOME AND PRINCIPE | ST |   |   |   |
| EL SALVADOR | SV |   |   |   |
| SINT MAARTEN (DUTCH PART) | SX |   |   |   |
| SYRIAN ARAB REPUBLIC | SY |   |   |   |
| SWAZILAND | SZ |   |   |   |
| TURKS AND CAICOS ISLANDS | TC |   |   |   |
| CHAD | TD |   |   |   |
| FRENCH SOUTHERN TERRITORIES | TF |   |   |   |
| TOGO | TG |   |   |   |
| THAILAND | TH |   |   |   |
| TAJIKISTAN | TJ |   |   |   |
| TOKELAU | TK |   |   |   |
| TIMOR-LESTE | TL |   |   |   |
| TURKMENISTAN | TM |   |   |   |
| TUNISIA | TN |   |   |   |
| TONGA | TO |   |   |   |
| TURKEY | TR |   |   |   |
| TRINIDAD AND TOBAGO | TT |   |   |   |
| TUVALU | TV |   |   |   |
| TAIWAN | TW |   |   |   |
| TANZANIA, UNITED REPUBLIC OF | TZ |   |   |   |
| UKRAINE | UA |   |   |   |
| UGANDA | UG |   |   |   |
| UNITED STATES MINOR OUTLYING ISLANDS | UM |   |   |   |
| UNITED STATES OF AMERICA | US |   | X | X |
| URUGUAY | UY |   |   |   |
| UZBEKISTAN | UZ |   |   |   |
| VATICAN CITY | VA |   |   |   |
| SAINT VINCENT AND THE GRENADINES | VC |   |   |   |
| VENEZUELA (BOLIVARIAN REPUBLIC OF) | VE |   |   |   |
| VIRGIN ISLANDS (BRITISH) | VG |   |   |   |
| VIRGIN ISLANDS (U.S.) | VI |   |   | X |
| VIET NAM | VN |   |   |   |
| VANUATU | VU |   |   |   |
| WALLIS AND FUTUNA | WF |   |   |   |
| SAMOA | WS |   |   |   |
| YEMEN | YE |   |   |   |
| MAYOTTE | YT |   |   |   |
| SOUTH AFRICA | ZA |   |   |   |
| ZAMBIA | ZM |   |   |   |
| ZIMBABWE | ZW |   |   |   |

Installation Instructions

The 2020Q2.1 release makes improvements to the performance of the verification process and the quality of the results.

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 2020Q2.1/AppInstaller directory (or new 2020Q2.1-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 2020Q2.1 Installation Instructions document.
5. Run the relevant Global Knowledge Repository installer. Please note you may need to add execute privileges when using Linux.

## Standard GBG Loqate Installation (Single-Threaded)

1. Download the contents of the 2020Q2.1/STAppInstaller directory (or new 2020Q2.1-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 2020Q2.1 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.