



Locator XML Developer Guide

September 30, 2022



Important Information

UPS Developer Kit APIs

Your development of an application using UPS Developer Kit APIs is governed by the UPS Technology Agreement you entered into with UPS. The following are key legal requirements from these agreements for the UPS Developer Kit APIs. For more information on all requirements for the UPS Developer Kit APIs, please refer to the UPS Technology Agreement.

Defined terms used but not defined in this document have the meaning set forth in the UPS Technology Agreement.

Key Legal Requirements for UPS Developer APIs

Permitted Territories

This document can only be used in the countries of the Permitted Territory as defined in the UPS Technology Agreement, as applicable.

Use

The application must not be designed to allow distribution of information received through the UPS Developer Kit APIs to third parties, other than to persons having a bona fide interest in such information (e.g., the shipper, receiver, or the third party payer, or to your service providers authorized by UPS).

Consent to Use of UPS Mark

- All screens or forms generated by your application including information received through the UPS Developer Kit APIs must include (1) the UPS Mark positioned in reasonable proximity to the Information and of an appropriate size to readily identify the source of the Information as UPS and (2) the following language at the bottom of every screen that displays the UPS Mark: "UPS, the UPS brand mark, and the Color Brown are trademarks of United Parcel Service of America, Inc. All Rights Reserved." Except as set forth in the preceding sentence, you have no right to use the UPS Mark without the prior written approval of UPS.
- You shall not use the UPS Mark in association with any third party trademarks in a manner that might suggest co-branding or otherwise create potential confusion as to source or sponsorship of the application, or ownership of the UPS Mark.
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Copyright and Proprietary Notice

In your application and any POD Letters you prepare, you must include a prominent reproduction of UPS's copyright and proprietary notices in a form and format specified by UPS (See the [Copyright](#) section of this document).

Display of Information

The application must not display information concerning any other provider of shipping services or such other shipping services on any page, whether comprising one or more frames, displaying information your application receives from the UPS Developer Kit APIs. Your application must present all data within each field received through the UPS Developer Kit APIs without amendment, deletion, or modification of any type.

Notice

In all communications with UPS concerning this document, please refer to the document date located on the cover.

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Chapter 1: Introduction

In this document, you will find guidance and instructions for integrating the Locator XML API into your application, service, or system.

In this guide, you will find:

- New release features
- Locator XML API functionality and business rules
- XML API request and response schema
- FAQs for the Locator API
- Locator error code descriptions
- Service code references

Intended Audience

This guide is intended for developers who will be integrating the Locator XML API into their application, service, or system.

Required Knowledge & Skills

This guide assumes you have a basic understanding of the following:

- Concepts and instructions in the *Introduction to the UPS Developer Kit* guide.
- XML syntax and structure
- Software development

How to Use this Guide

- If this is your first time working with the UPS Developer Kit, begin with the *Introduction to the UPS Developer Kit* guide. This guide serves as the foundation for all API-specific developer guides.
- If you are experienced with the UPS Developer Kit but have not yet worked with the Locator API, continue with [Chapter 2: Understanding the Locator API](#). There you will find an overview of the Locator functionality and business rules.
- [Chapter 3: Customer Integration Environment \(CIE\)](#) contains information on UPS integration environments.
- [Chapter 4: Locator API Elements and Details](#) contains an overview of the top-level containers and elements that comprise the Locator request and response.
- Request and response examples are located in [Chapter 5: Locator XML API Examples](#).
- Reference tables, services codes, and error codes are located in the [Appendices](#).

Release Features

December 2020

Description
No changes

January 2020

Description
No changes

July 2019

Description
No changes

Chapter 2: Understanding the Locator API

The Locator API provides UPS full-service and self-service locations, hours of operation and pickup times.

The API can be customized to present information in different configurations that include locations, additional services, program types, type codes and if a location is a retail location.

Business Rules

General

- UPS expects schema elements/tags as defined in the XPath and presented in the schema structure without spelling or structural deviations. Elements/tags that are not defined in the schema or do not conform to the schema structure will be ignored by UPS.
- Only users that plan to ship packages manifested, tendered, and delivered by UPS can use the API.
- Any customers/developers abusing or data mining the API will have their access revoked.
- To access API documentation the user must have or create a UPS profile.
- To access testing and production sites the user must have an Access Key. To get an Access Key you must have a UPS profile and an associated shipping account. For additional information, refer to the [UPS Developer Kit User Guide](#).

Types of Requests

The RequestOption element is used to define the type of location information that will be provided. The information from these requests can be used to refine a search in additional requests.

For example, when an application requests a list of all available additional services, it can then select the services it needs from that list and issue a second request for locations that offer those services.

The following table lists the possible values for the Request Option element.

Request Option	Type of Request
1	A list of locations
8	All available additional services
16	All available program types
24	All available additional services and program types
32	All available retail locations
40	All available retail locations and additional services
48	All available retail locations and program types
56	All available retail locations, program types, and additional services
64	UPS Access Point Search

Chapter 3: Customer Integration Environment (CIE)

The Customer Integration Environment allows customers to test their application prior to launch. This environment is intended for integration testing of customer applications with the UPS servers.

Once your application has been thoroughly tested, you should redirect the application to the UPS Production Environment.



No stress testing should ever be performed by customers against any UPS systems.

To access testing and production sites the user must have an Access Key. You can request an Access Key after establishing a UPS profile and associating your shipping account.

System Availability

The Customer Integration Environment is available 24 hours a day, 7 days a week. Note, the system is occasionally down for server maintenance.

Integration Testing



All API URLs are case sensitive.

For integration testing, direct your test Locator XML to: <https://wwwcie.ups.com/ups.app/xml/Locator>



NOTE: In the Customer Integration Environment, Locator will only work in the following locales:

Country or Territory	City
United States	Atlanta
Canada	Toronto
Germany	Neuss
Mexico	Mexico City

Production



All API URLs are case sensitive.

Once testing is complete, direct your Locator XML to the production URL:

<https://onlinetools.ups.com/ups.app/xml/Locator>

Server Availability Check

All of the UPS services work using HTTPS POST. If the server is available, it will reply with the service name, remote user, server port, server name, and servlet path.

To see this in action, type the following URL in your web browser: <https://wwwcie.ups.com/ups.app/xml/Locator>

Service Name:	Locator
Remote User:	null
Server Port:	443
Server Name:	wwwcie.ups.com
Servlet Path:	/Locator

Chapter 4: Locator API Elements and Details

Element Constraints

The Request and Response XPath tables contain the full hierarchy of the API elements.



UPS expects schema elements/tags as defined in the XPath and presented in the schema structure i.e., no spelling or structural deviations. Elements/tags that are not defined in the schema or do not conform to the schema structure will be ignored by UPS.

Element constraints are defined as follows:

Required

- Yes - indicates the element must be present in the request or response.
- Yes* - indicates the element must be present in the request if the parent container is present in the request.
- No - indicates the element is optional and may be used if it applies to the request.
- Cond – indicates the element is required under certain conditions.

Type

- Container - holds a group of related elements.
- String - consists of alphanumeric characters, spaces, and decimals.

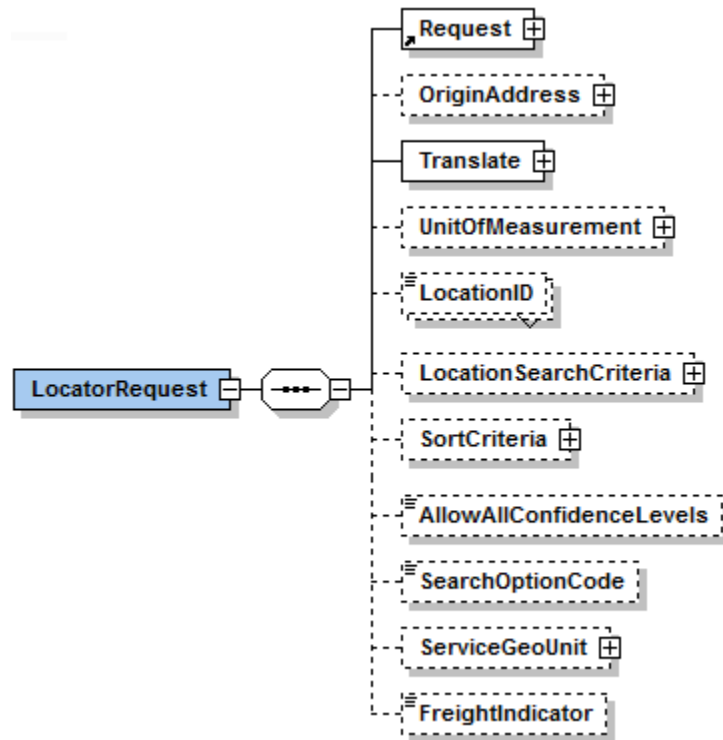
Length

- The maximum number of characters that can be present in a String. Length is not applicable (N/A) to Containers.

Max Allowed

- The maximum number of elements or containers that can be present in the parent container.

LocatorRequest Top Level Containers



LocatorRequest XPath Tables

Note: Not all containers/elements are reflected separately in the table of contents.

Name	Constraint	Description
/LocatorRequest		
LocatorRequest	Required: Yes Type: Container Max Allowed: 1 Length: N/A	N/A
/LocatorRequest/Request		
Request	Required: Yes Type: Container Max Allowed: 1 Length: N/A	N/A
/LocatorRequest/Request/TransactionReference		
TransactionReference	Required: No Type: Container Max Allowed: 1 Length: N/A	TransactionReference identifies transactions between client and server.
/LocatorRequest/Request/TransactionReference/CustomerContext		
CustomerContext	Required: No Type: String Max Allowed: 1 Length: 1..512	The client uses CustomerContext to synchronize request/response pairs. The client establishes CustomerContext, which can contain any information client want, as long as it is valid XML; it is echoed back by the server
/LocatorRequest/Request/RequestAction		
RequestAction	Required: Yes Type: String Max Allowed: 1 Length: 13	Indicates the action to be taken by the XML service. The only valid value is 'Locator'.
/LocatorRequest/Request/RequestOption		
RequestOption	Required: Yes Type: String Max Allowed: 1 Length: 1..4	Indicates the type of request. Valid values: 1-Locations (Drop Locations and Will call locations) 8-All available Additional Services 16-All available Program Types 24-All available Additional Services and Program types 32-All available Retail Locations 40-All available Retail Locations and Additional Services 48-All available Retail Locations and Program Types 56-All available Retail Locations, Additional Services and Program Types 64-Search for UPS Access Point Locations.
/LocatorRequest/OriginAddress		
OriginAddress	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for origin address information.
/LocatorRequest/OriginAddress/Geocode		
Geocode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the origin address.

Name	Constraint	Description
/LocatorRequest/OriginAddress/Geocode/Latitude		
Latitude	Required: Yes* Type: String Max Allowed: 1 Length: 1..11	The latitude of the origin address or the center point of the area code.
/LocatorRequest/OriginAddress/Geocode/Longitude		
Longitude	Required: Yes* Type: String Max Allowed: 1 Length: 1..11	The longitude of the origin address or the center point of the area code.
/LocatorRequest/OriginAddress/AddressKeyFormat		
AddressKeyFormat	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Contains all of the basic information about the origin such as: Address Lines, City, State/Province, Postal Code and Country or Territory Code. The element CountryCode is required.
/LocatorRequest/OriginAddress/AddressKeyFormat/ConsigneeName		
ConsigneeName	Required: Yes* Type: String Max Allowed: 1 Length: 1..40	Name. Not relevant for this tool
/LocatorRequest/OriginAddress/AddressKeyFormat/AddressLine		
AddressLine	Required: No Type: String Max Allowed: 1 Length: 1..100	Address Line Information. The user may submit street level address information or provide Intersection information.
/LocatorRequest/OriginAddress/AddressKeyFormat/AddressLine2		
AddressLine2	Required: No Type: String Max Allowed: 1 Length: 1..64	Additional Address Line Information.
/LocatorRequest/OriginAddress/AddressKeyFormat/AddressLine3		
AddressLine3	Required: No Type: String Max Allowed: 1 Length: 1..64	Additional Address Line Information.
/LocatorRequest/OriginAddress/AddressKeyFormat/PoliticalDivision3		
PoliticalDivision3	Required: No Type: String Max Allowed: 1 Length: 1..50	Barrio or other sub-division of City
/LocatorRequest/OriginAddress/AddressKeyFormat/PoliticalDivision2		
PoliticalDivision2	Required: Cond Type: String Max Allowed: 1 Length: 1...50	City or Town.
/LocatorRequest/OriginAddress/AddressKeyFormat/PoliticalDivision1		
PoliticalDivision1	Required: Cond Type: String Max Allowed: 1 Length: 1..50	State or province

Name	Constraint	Description
/LocatorRequest/OriginAddress/AddressKeyFormat/PostcodePrimaryLow		
PostcodePrimaryLow	Required: Cond Type: String Max Allowed: 1 Length: 1..10	Main postal code. Required if the user does not submit the City, State/Province address combination.
/LocatorRequest/OriginAddress/AddressKeyFormat/PostcodeExtendedLow		
PostcodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..10	4 Digit postal code extension. Valid for US only.
/LocatorRequest/OriginAddress/AddressKeyFormat/CountryCode		
CountryCode	Required: Yes Type: String Max Allowed: 1 Length: 2	Two-character country or territory abbreviation
/LocatorRequest/OriginAddress/AddressKeyFormat/SingleLineAddress		
SingleLineAddress	Required: No Type: String Max Allowed: 1 Length: NA	Single line search information. Can contain values of origin address in a single line. Will override other origin address information.
/LocatorRequest/OriginAddress/MaximumListSize		
MaximumListSize	Required: No Type: String Max Allowed: 1 Length: 1..2	If present, indicates the maximum number of locations the client wishes to receive in an address candidate response where the provided origin information is insufficient to accurately establish location. Valid values: 1-50, default 10
/LocatorRequest/Translate		
Translate	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Contains the locale information for the request.
/LocatorRequest/Translate/Locale		
Locale	Required: Cond Type: string Max Allowed: 1 Length: 5	Locale is the 5 digit combination of 2 character language code and 2 character country or territory code separated by an underscore ('_') character. Will be used to determine what language the response will be sent in. Default value is: en_US. Examples are: fr_CA, es_MX.
/LocatorRequest/UnitOfMeasurement		
UnitOfMeasurement	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Distance unit of measurement. This is required for location requests (request option 1).
/LocatorRequest/UnitOfMeasurement/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Valid values are: MI-Miles KM-Kilometers
/LocatorRequest/LocationID		
LocationID	Required: Cond Type: String Max Allowed: 1 Length: 1...10	Location ID is the identification number of the UPS affiliated location.

Name	Constraint	Description
/LocatorRequest/LocationSearchCriteria		
LocationSearchCriteria	Required: Cond Type: Container Max Allowed: 1 Length: N/A	The Location search criteria container allows the user to further define the basis to which they wish to receive the UPS locations. Only relevant when the user requests a Location search (request option 1).
/LocatorRequest/LocationSearchCriteria/SearchOption		
SearchOption	Required: No Type: Container Max Allowed: UNB Length: N/A	SearchOption contains the information that forms the basis of the location search. It contains the criteria for search by Locations, Retail Locations, Additional Services, or Program Types. There should be one container for each type of search the user may wish to do. The user can specify either search by Locations or Retail Locations, but not both. If this container is missing, the default search would be for The UPS Store, UPS Center, UPS Drop Box, and Authorized Shipping Outlet location types.
/LocatorRequest/LocationSearchCriteria/SearchOption/OptionType		
OptionType	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	OptionType is a container that indicates the type of search for locations. There are 5 types of search. They are search by: Location, Retail Location, Additional Services, Program Type, and a Service Level Option. If search criteria by Location or Retail Location is not provided the default search of The UPS Store, UPS Center, UPS Drop Box, and Authorized Shipping Outlet location types will be performed.
/LocatorRequest/LocationSearchCriteria/SearchOption/OptionType/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for Option type valid values are: 01-Location 02-Retail Location 03-Additional Services 04-Program Type 05-Service Level Option 06-End Point Service Offering
/LocatorRequest/LocationSearchCriteria/SearchOption/OptionCode		
OptionCode	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Option code contains the information of a particular Location, Retail Location, Additional Service, or Program Type depending on the option type. The SearchOptions can contain one or more OptionCodes which forms the criteria for the location search.
/LocatorRequest/LocationSearchCriteria/SearchOption/OptionCode/Code		
Code	Required: Yes Type: String Max Allowed: 1 Length: 1..10	These codes vary by country or territory. It is strongly recommended that clients contact UPS to retrieve the primary search indicator and the valid Location Types and Service Level Options for each country or territory. Refer to Location Search Option Codes in the Appendix for additional information.
/LocatorRequest/LocationSearchCriteria/SearchOption/Relation		
Relation	Required: Cond Type: Container Max Allowed: 1 Length: N/A	The relation container will contain the relation parameter (And/Or) that has to be used among multiple option codes in the location search. This is only applicable to option type Additional Services and Program Types. If this container is not present for Additional Services and Program Types, the default relation of And is used.

Name	Constraint	Description
/LocatorRequest/LocationSearchCriteria/SearchOption/Relation/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Applicable for Additional Services and Program Types. Valid values: 01-And (Default) 02-Or
/LocatorRequest/LocationSearchCriteria/MaximumListSize		
MaximumListSize	Required: No Type: String Max Allowed: 1 Length: 1..2	If present, indicates the maximum number of locations the client wishes to receive in response; ranges from 1 to 50 with a default value of 5.
/LocatorRequest/LocationSearchCriteria/SearchRadius		
SearchRadius	Required: No Type: String Max Allowed: 1 Length: 1..3	Defines the maximum radius the user wishes to search for a UPS location. If the user does not specify, the default value is 25 (mi) or 40 (km). Whole numbers only. Valid values are: 5 - 50 for UnitOfMeasure Miles (mi) 8 - 80 for UnitOfMesaure Kilometers (km)
/LocatorRequest/LocationSearchCriteria/ServiceSearch		
ServiceSearch	Required: No Type: Container Max Allowed: 1 Length: N/A	Allows for users to further define the search criteria. Refer to the rules specified in Service Search section.
/LocatorRequest/LocationSearchCriteria/ServiceSearch/Time		
Time	Required: No Type: String Max Allowed: 1 Length: 4..6	Scheduled Local Drop-off Time. Format: HHMM
/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceCode		
ServiceCode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container that contains the service information such as Ground/Air. Required if the customer provides ServiceSearch Time.
/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceCode/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code indicating the different services. Valid values are: 01-Ground. 02- Air. 03-Express 04-Standard 05-International
/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceOptionCode		
ServiceOptionCode	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for the optional service information such as Saturday Pick up.
/LocatorRequest/LocationSearchCriteria/ServiceSearch/ServiceOptionCode/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code that defines the optional service. Valid values: 01-Saturday pickup. Only valid for air service.

Name	Constraint	Description
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch		
FreightWillCallSearch	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Freight Will Call Search Container. Required if SearchOption is '05-Freight Will Call Search'
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FreightWillCallRequestType		
FreightWillCallRequestType	Required: Yes* Type: String Max Allowed: 1 Length: 1	Valid values are: 1 - Postal Code 2 - Delivery SLIC 3 - Delivery City/State. 1: Freight Will Call Search based on Postal Code, this search is valid for Postal code countries or territories. 2: Freight Will Call Search based on SLIC. 3: Freight Will Call Search based on City and/or State. This Search is valid for non-postal code Countries or Territories
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress		
FacilityAddress	Required: Yes* Type: Container Max Allowed: UNB Length: UNB	Facility Address Container
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/SLIC		
SLIC	Required: Cond Type: String Max Allowed: 1 Length: 5	Facility SLIC. Required for Freight Will call search if FreightWillCallRequestType is 2.
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/AddressLine		
AddressLine	Required: Cond Type: String Max Allowed: 2 Length: 1..64	Address line
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/City		
City	Required: Cond Type: String Max Allowed: 1 Length: 1..50	City. Required for Freight Will call search if FreightWillCallRequestType is 3.
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/PostalCodePrimaryLow		
PostalCodePrimaryLow	Required: Cond Type: String Max Allowed: 1 Length: 1..8	Postal code. Required for Freight Will call search if FreightWillCallRequestType is 1.
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/PostalCodeExtendedLow		
PostalCodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..8	4 Digit postal code extension. Valid for US only.
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/State		
State	Required: Cond Type: String Max Allowed: 1 Length: 1..50	State. Required if FreightWillCallRequestType is 3 if State is available.

Name	Constraint	Description
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FacilityAddress/CountryCode		
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 2	Country or Territory Code.
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/OriginOrDestination		
OriginOrDestination	Required: Yes* Type: String Max Allowed: 1 Length: 2	OriginOrDestination is required for FreightWillCallRequestType 1 and type 3 . Valid values: 01-Origin facilities 02-Destination facilities.
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/FormatPostalCode		
FormatPostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 2..3	FormatPostalCode would be required in the request when FreightWillCallRequestType is 1. Valid values are: NFR-No format requested FR-format requested FS-format and search NVR-No validation requested.
/LocatorRequest/LocationSearchCriteria/FreightWillCallSearch/DayOfWeekCode		
DayOfWeekCode	Required: No Type: String Max Allowed: 1 Length: 1	Day Of week Code. Valid Values are 1 to 7. 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch		
AccessPointSearch	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Applicable for request option 64 only. This contains inclusion and exclusion criteria for address search. It also contains Account Number and Access Point Public ID search elements.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/PublicAccessPointID		
PublicAccessPointID	Required: No Type: String Max Allowed: 1 Length: 1..15	The Public Access PointID to use for UPS Access Point Search. Once this parameter is present, address or geocode search is ignored. It cannot be combined with AccountNumber search parameter.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/AccessPointStatus		
AccessPointStatus	Required: No Type: String Max Allowed: 1 Length: 2	Status of UPS Access Point. Valid values are: 01-Active-available 07-Active-unavailable.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/AccountNumber		
AccountNumber	Required: No Type: String Max Allowed: 1 Length: 6..10	The account number to use for UPS Access Point Search in the country or territory. Used to locate a private network for the account. Once this parameter is present any access point address or geocode search is ignored. It cannot be combined with PublicAccessPointID search parameter.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria		
IncludeCriteria	Required: No Type: Container Max Allowed: 1 Length: N/A	This contains elements to refine (include) UPS Access point address or geocode Search.

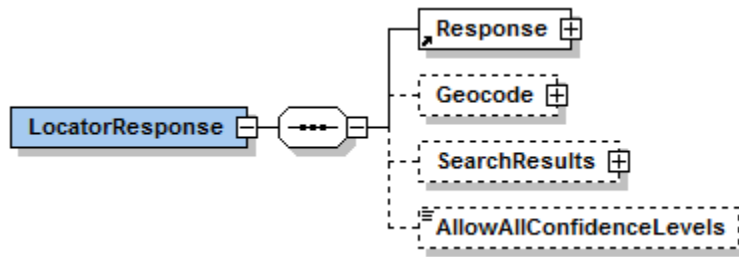
Name	Constraint	Description
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/MerchantAccountNumberList		
MerchantAccountNumberList	Required: No Type: Container Max Allowed: 1 Length: N/A	This contains the list of Merchant Account numbers to be used for finding private network access points.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/MerchantAccountNumberList/MerchantAccountNumber		
MerchantAccountNumber	Required: Yes* Type: String Max Allowed: UNB Length: 6..10	Account number to be used for a private network access point search where a UPS access point candidate list is obtained in search by address or geocode search.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter		
SearchFilter	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold one or more search criteria for UPS Access Points that allow DCR, Shipping and ClickAndCollect access. Only applicable when the UPS access point candidate list is obtained in search by address or geocode search.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/DCRIndicator		
DCRIndicator	Required: No Type: String Max Allowed: 1 Length: 0	DCR/DCO Availability indicator for UPS Access Point. Either this indicator is present or not present. Presence indicates a search for access points with DCR. Any data in the element is ignored.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/ShippingAvailabilityIndicator		
ShippingAvailabilityIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Shipping Availability indicator for UPS Access Point. Either this indicator is present or not present. Presence indicates a search of access points with shipping availability. Any data in it is ignored.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/ShipperPreparationDelay		
ShipperPreparationDelay	Required: No Type: String Max Allowed: 1 Length: 1	Value for the number of days to check for shipping availability from the current day. When this value is present, ShippingAvailabilityIndicator is implied implicitly.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/SearchFilter/ClickAndCollectSortWithDistance		
ClickAndCollectSortWithDistance	Required: No Type: String Max Allowed: 1 Length: 0..3	This contains the distance (in given UnitOfMeasurement) wherein to sort the click and collect access point locations above other access point locations when a UPS Access Point candidate list is obtained in search by address or geocode search.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/ServiceOfferingList		
ServiceOfferingList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold end point service offering List for UPS Access point. Applicable only when a UPS Access Point candidate list is obtained in search by address or geocode search.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/ServiceOfferingList/ServiceOffering		
ServiceOffering	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for Service offering code.

Name	Constraint	Description
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/IncludeCriteria/ServiceOfferingList/ServiceOffering/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	The valid values are: 001-Direct To Retail 002-Not In One ADL 003-Click and Collect 004-Retail to Retail 005-Pickup 006-Drop Off 007-PUDO 008-Early Pickup Delivery Time 009-Accept prepaid drop offs 010-DCO DCR intercept accepted 011-Accepts Payments 012-Pay At Store 013-Accepts Restricted Articles
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult		
ExcludeFromResult	Required: No Type: Container Max Allowed: 1 Length: N/A	This contains elements to exclude from UPS Access Point address or geocode search.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/BusinessClassificationCode		
BusinessClassificationCode	Required: No Type: String Max Allowed: 1 Length: 3	This contains the business classification code to exclude from UPS Access Point Search by address or geocode. Multiple codes can be possible in separate elements. Please refer to Appendix D for detailed business codes.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/BusinessName		
BusinessName	Required: No Type: String Max Allowed: 1 Length: 1..15	This contains the business name to exclude from UPS Access Point Search by address or geocode. Partial names are accepted.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/Radius		
Radius	Required: No Type: String Max Allowed: 1 Length: 1..3	Public Access points within Radius (in specified Unit of Measure) of any included private access points will be excluded from the results. Valid only if at least one IncludeCriteria/MerchantAccountNumber is provided.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList		
PostalCodeList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold a list of postal codes to exclude from the access point address or geocode search.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList/PostalCode		
PostalCode	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold the postal code.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList/PostalCode/PrimaryPostalCode		
PrimaryPostalCode	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	Primary postal code.

Name	Constraint	Description
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExcludeFromResult/PostalCodeList/PostalCode/SecondaryPostalCode		
SecondaryPostalCode	Required: No Type: String Max Allowed: 1 Length: 1..10	Secondary postal code.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExactMatchIndicator		
ExactMatchIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Presence of this tag represents that "AccessPointSearchByAddress" service is requested. The value of this tag is ignored.
/LocatorRequest/LocationSearchCriteria/AccessPointSearch/ExistIndicator		
ExistIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Presence of this tag represents that "AccessPointAvailability" service is requested. The value of this tag is ignored.
/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria		
OpenTimeCriteria	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold open times of the Location.
/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria/DayOfWeekCode		
DayOfWeekCode	Required: No Type: String Max Allowed: 1 Length: 1	Day Of week Code. Valid values: 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday
/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria/FromTime		
FromTime	Required: No Type: String Max Allowed: 1 Length: 4	From time. Time Format HHMM.
/LocatorRequest/LocationSearchCriteria/OpenTimeCriteria/ToTime		
ToTime	Required: No Type: String Max Allowed: 1 Length: 4	To Time. Time Format HHMM
/LocatorRequest/LocationSearchCriteria/BrexitFilter		
BrexitFilter	Required: No Type: String Max Allowed: 1 Length: 10	Brexit Filter. Applicable for country code GB; Pass the PostalCode for the address in the location search if Brexit functionality is desired. UAPs with postal code starts with BT returned when brexit filter starts with BT, else UAPs returned with non BT postal code. Applicable for UAP and Proximal building search.
/LocatorRequest/SortCriteria		
SortCriteria	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Sort Criteria

Name	Constraint	Description
/LocatorRequest/SortCriteria/SortType		
SortType	Required: No Type: String Max Allowed: 1 Length: 1..2	For different sort type. Valid values: 01-Closest Location 02-Deadline for Drop-off by Air/Express 03-Deadline for Drop-off by Ground/Standard 04-Latest Close Time 05-Earliest Open Time. SortType is not applicable for RequestOption: 64-Search for UPS Access Point Locations.
/LocatorRequest/AllowAllConfidenceLevels		
AllowAllConfidenceLevels	Required: No Type: String Max Allowed: 1 Length: 0	Indicator to allow confidence level in search.
/LocatorRequest/SearchOptionCode		
SearchOptionCode	Required: Cond Type: String Max Allowed: 1 Length: 2	Valid values: 01-Proximity Search Details 02-Address Search Details 03-Proximity Search Summary 04-Address Search Summary 05-Freight Will Call Search. Either OptionType 03 or 04 is required.
/LocatorRequest/ServiceGeoUnit		
ServiceGeoUnit	Required: Cond Type: Container Max Allowed: 1 Length: N/A	ServiceGeoUnit Container. Required to search for the freight facility information
/LocatorRequest/ServiceGeoUnit/ServiceCode		
ServiceCode	Required: Yes* Type: String Max Allowed: 1 Length: 3	Service Code. Required if ServiceGeoUnit Container present. Valid value is '096'.
/LocatorRequest/ServiceGeoUnit/GeoPoliticalUnit		
GeoPoliticalUnit	Required: Yes* Type: String Max Allowed: 1 Length: 3	GeoPoliticalUnit. Required if ServiceGeoUnit container present. Valid value is '002'.
/LocatorRequest/FreightIndicator		
FreightIndicator	Required: No Type: String Max Allowed: 1 Length: 0	FreightIndicator. Required for Freight Location Search.

LocatorResponse Top Level Containers



LocatorResponse XPath Tables

Note: Not all containers/elements are reflected separately in the table of contents.

Name	Constraints	Description
/LocatorResponse		
LocatorResponse	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for LocatorResponse.
/LocatorResponse/Response		
Response	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for Response.
/LocatorResponse/Response/TransactionReference		
TransactionReference	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for customer provided data and the XPCI Version.
/LocatorResponse/Response/TransactionReference/CustomerContext		
CustomerContext	Required: No Type: Any Max Allowed: 1 Length: 0..512	Customer provided data. May be XML. If this data is present in the request, it is echoed back to the customer.
/LocatorResponse/Response/TransactionReference/XpciVersion		
XpciVersion	Required: No Type: String Max Allowed: 1 Length: 6	Identifies the version of the message. Current version is 1.0014
/LocatorResponse/Response/ResponseStatusCode		
ResponseStatusCode	Required: Yes Type: String Max Allowed: 1 Length: 1	Identifies the success or failure of the interchange. 1-Success 0-Failure
/LocatorResponse/Response/ResponseStatusDescription		
ResponseStatusDescription	Required: No Type: String Max Allowed: 1 Length: 1..15	Describes the Response Status Code.

Name	Constraints	Description
/LocatorResponse/Response/Error		
Error	Required: No Type: Container Max Allowed: 1 Length: N/A	If an error is encountered during the interchange, the Response contains an error. If the error is present, then the ErrorSeverity and ErrorCode are required.
/LocatorResponse/Response/Error/ErrorSeverity		
ErrorSeverity	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	Describes the severity of the error. For additional information, refer to Locator Error Codes in the Appendix.
/LocatorResponse/Response/Error/ErrorCode		
ErrorCode	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	A numeric value that describes the error. Each tool defines a range of error codes. For additional information, refer to Locator Error Codes in the Appendix.
/LocatorResponse/Response/Error/ErrorDescription		
ErrorDescription	Required: No Type: String Max Allowed: 1 Length: 1..50	Describes the error code.
/LocatorResponse/Response/Error/MinimumRetrySeconds		
MinimumRetrySeconds	Required: No Type: String Max Allowed: 1 Length: 1..5	Number of seconds to wait until retry. This field is populated on special conditions of the Transient Error only, as defined by the service. A number between 1 and 86400 (24 hours)
/LocatorResponse/Response/Error/ErrorLocation		
ErrorLocation	Required: No Type: Container Max Allowed: 1 Length: N/A	Identifies the element in error.
/LocatorResponse/Response/Error/ErrorLocation/ErrorLocationElementName		
ErrorLocationElementName	Required: No Type: String Max Allowed: 1 Length: 1..512	The Xpath name of the element in error. This is a valid Xpath pointing to an element in the request document.
/LocatorResponse/Response/Error/ErrorLocation/ErrorLocationAttributeName		
ErrorLocationAttributeName	Required: No Type: String Max Allowed: 1 Length: 1..50	The name of the attribute in error. This is the name of the attribute contained by the Error Location element.
/LocatorResponse/Response/Error/ErrorDigest		
ErrorDigest	Required: No Type: String Max Allowed: 1 Length: UNB	The contents of the element in error.
/LocatorResponse/Geocode		
Geocode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the origin address. The Geocode is provided in the first successful response. Required to be returned when the origin address or phone number is submitted in the request. Will not be returned when the requestoption=64

Name	Constraints	Description
/LocatorResponse/Geocode/Latitude		
Latitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The latitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.
/LocatorResponse/Geocode/Longitude		
Longitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The longitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.
/LocatorResponse/SearchResults		
SearchResults	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Container for search results.
/LocatorResponse/SearchResults/GeocodeCandidate		
GeocodeCandidate	Required: Cond Type: Container Max Allowed: 1 Length: N/A	If the origin address provided in the location request document does not have a match, a list of candidate addresses, geocodes and optionally a landmark will be returned.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat		
AddressKeyFormat	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Contains all of the basic information about candidate address.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/ConsigneeName		
ConsigneeName	Required: No Type: String Max Allowed: 1 Length: 1..40	Name. Not relevant for candidate list.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/AddressLine		
AddressLine	Required: Cond Type: String Max Allowed: 1 Length: 1..100	Address Line Information. The address level or Intersection information must be returned if provided in the request. The AddressLine will be a combination of up to 3 separate address lines, each separated by a new line character.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PoliticalDivision3		
PoliticalDivision3	Required: Cond Type: String Max Allowed: 1 Length: 1..35	Subdivision within a City. e.g., a Barrio.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PoliticalDivision2		
PoliticalDivision2	Required: Cond Type: String Max Allowed: 1 Length: 1...50	City.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PoliticalDivision1		
PoliticalDivision1	Required: Cond Type: String Max Allowed: 1 Length: 1...50	State/Province.

Name	Constraints	Description
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PostcodePrimaryLow		
PostcodePrimaryLow	Required: Cond Type: String Max Allowed: 1 Length: 1...10	Postal Code.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/PostcodeExtendedLow		
PostcodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..10	4 Digit postal code extension. Valid for US only.
/LocatorResponse/SearchResults/GeocodeCandidate/AddressKeyFormat/CountryCode		
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 1...2	A country or territory code. Valid values for candidates to be returned are: US-United States (meaning US 50)
/LocatorResponse/SearchResults/GeocodeCandidate/Geocode		
Geocode	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the origin candidate.
/LocatorResponse/SearchResults/GeocodeCandidate/Geocode/Latitude		
Latitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The latitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.
/LocatorResponse/SearchResults/GeocodeCandidate/Geocode/Longitude		
Longitude	Required: Yes* Type: String Max Allowed: 1 Length: 1...11	The longitude of the origin address, center point of the exchange, center point of the postal code, or center point of the city.
/LocatorResponse/SearchResults/GeocodeCandidate/LandmarkName		
LandmarkName	Required: Cond Type: String Max Allowed: 1 Length: 1..50	If a Landmark code was provided in the request, a candidate list of Landmark Names will be returned along with the corresponding address and Geocode.
/LocatorResponse/SearchResults/Disclaimer		
Disclaimer	Required: Cond Type: String Max Allowed: 1 Length: Variable	Disclaimer. In the event the user requested Ground and Air service types and the maximum UPS locations list size has not been met, the list of locations will continue with locations that provide either ground or air within the search radius. The disclaimer will note this deviation from the requested search criteria. The disclaimer is also the location where the user will receive information regarding a one-time pickup option if the first location is greater than 20 miles from the origin.
/LocatorResponse/SearchResults/DropLocation		
DropLocation	Required: Cond Type: Container Max Allowed: UNB Length: N/A	When a location request is submitted with a valid origin address, UPS locations will be returned.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/LocationID		
LocationID	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	The location ID that corresponds to the UPS location. Do not expose the Location ID.
/LocatorResponse/SearchResults/DropLocation/OriginOrDestination		
OriginOrDestination	Required: Yes* Type: String Max Allowed: 1 Length: 2	OriginOrDestination will returned for FreightWillCallRequestType 1 Postal based and 3 City and/or State based search. OriginOrDestination will be 01 for origin facilities and 02 for Destination facilities
/LocatorResponse/SearchResults/DropLocation/IVR		
IVR	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Integrated Voice Response information. ONLY FOR IVR.
/LocatorResponse/SearchResults/DropLocation/IVR/PhraseID		
PhraseID	Required: Yes* Type: String Max Allowed: 1 Length: 1..30	Contains the name of the IVR file that relates to this drop location. The file is an audio recording of information related to the location. ONLY FOR IVR.
/LocatorResponse/SearchResults/DropLocation/IVR/TextToSpeechIndicator		
TextToSpeechIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Indicates to the response recipient that the information has changed, and a new audio file should be produced. ONLY FOR IVR.
/LocatorResponse/SearchResults/DropLocation/Geocode		
Geocode	Required: Yes Type: Container Max Allowed: 1 Length: N/A	Geocode is the latitude and longitude of the location address. The Geocode for the location address will be returned when Location is requested in the Request Option.
/LocatorResponse/SearchResults/DropLocation/Geocode/Latitude		
Latitude	Required: Yes Type: String Max Allowed: 1 Length: 15	The latitude of the location address or the center point of the area code.
/LocatorResponse/SearchResults/DropLocation/Geocode/Longitude		
Longitude	Required: Yes Type: String Max Allowed: 1 Length: 15	The longitude of the location address or the center point of the area code.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat		
AddressKeyFormat	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Contains all of the basic information about a location, Consignee Name, Building Name, Address Lines, City, State/Province, Postal Code and Country or Territory Code.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/ConsigneeName		
ConsigneeName	Required: No Type: String Max Allowed: 1 Length: 1..40	Name. (Also includes the building name) Return if available.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/AddressLine		
AddressLine	Required: Yes* Type: String Max Allowed: 1 Length: 1..100	Address Line Information of the UPS location The address level or Intersection information. Only two address lines will be returned. The second line may contain such information as the building name, the suite, and room.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PoliticalDivision3		
PoliticalDivision3	Required: No Type: String Max Allowed: 1 Length: 1..35	Subdivision within a City. e.g., a Barrio.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PoliticalDivision2		
PoliticalDivision2	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	City.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PoliticalDivision1		
PoliticalDivision1	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	State/Province.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PostcodePrimaryLow		
PostcodePrimaryLow	Required: Yes* Type: String Max Allowed: 1 Length: 1...10	Postal Code.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/PostcodeExtendedLow		
PostcodeExtendedLow	Required: No Type: String Max Allowed: 1 Length: 1..10	4 Digit postal code extension. Valid for US only.
/LocatorResponse/SearchResults/DropLocation/AddressKeyFormat/CountryCode		
CountryCode	Required: Yes* Type: String Max Allowed: 1 Length: 1...2	A country or territory code. Valid values to be returned are: US-United States (meaning US 50).
/LocatorResponse/SearchResults/DropLocation/PhoneNumber		
PhoneNumber	Required: Yes* Type: String Max Allowed: 1 Length: 1..15	The UPS locations Phone number. A phone number of the location will be returned. 10 digits allowed for US, otherwise 1..15 digits allowed. The phone number will be returned as a string.
/LocatorResponse/SearchResults/DropLocation/FaxNumber		
FaxNumber	Required: Cond Type: String Max Allowed: 1 Length: 1..15	The UPS location's Fax number. A fax number of the location will be returned when available. 10 digits allowed for US, otherwise 1..15 digits allowed. The fax number will be returned as string.
/LocatorResponse/SearchResults/DropLocation/EmailAddress		
EmailAddress	Required: Cond Type: String Max Allowed: 1 Length: 1..50	Email address of the UPS location. Returned when available.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/LocationAttribute		
LocationAttribute	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	LocationAttribute is a container that contains the information about the location's Location Type, Retail Location Type, Additional Services, or Program Type.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionType		
OptionType	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	OptionType is a container that indicates the type of the location attribute. There are 4 types of attributes. They are: Location, Retail Location, Additional Services and Program Type.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionType/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for Option type. Valid values: 01-Location 02-Retail Location 03-Additional Services 04-Program Type
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionType/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	Description for Option type such as Location, RetailLocation, AdditionalServices and ProgramType.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode		
OptionCode	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Option code is a container that contains the information of a particular type of Location or retail location or additional service or program type that the drop location contains. If the OptionType is Location or Retail Location Type there will be one code since each location has only one location type or retail location type. If the Option type is additional services or program types there can be one or more option codes.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Category		
Category	Required: Yes* Type: String Max Allowed: 1 Length: 2	Only applicable for OptionType = 03 (Additional Services). Valid values: 06-Non transportation 07-Transportation
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Code		
Code	Required: Yes Type: String Max Allowed: 1 Length: 1..10	These codes vary by country or territory. It is strongly recommended that clients contact UPS to retrieve the primary search indicator and the valid Location Types and Service Level Options for each country or territory. Refer to Location Search Option Codes in the Appendix for additional information.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Description		
Description	Required: No Type: String Max Allowed: 1 Length: 1..50	Description is only applicable for Location and Retail Location. The description for Program types and additional service is not provided with Location detail. It is only provided when the request is for 8, 24, 40, 56-All available additional services or 16, 24, 48, 56-all available Program types.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/Name		
Name	Required: Yes* Type: String Max Allowed: 1 Length: 1...50	Name will indicate the name of any Additional Services/ Program Types depending on the option code. Text will be displayed in the locale selected.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule		
TransportationPickUpSchedule	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	TransportationPickUpSchedule container contains details of Latest Drop Off time/Pickup Time for the transportation services (Ground/Air/Standard/Express/International) of the location.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp		
PickUp	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	PickUp container contains details of day of week and corresponding pickup times for that service.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/DayOfWeek		
DayOfWeek	Required: Yes* Type: String Max Allowed: 1 Length: 1	Day of week. 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails		
PickUpDetails	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	PickUpDetails container contains either pickup time or NoPickupIndicator. Either PickupTime or NoPickupIndicator
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/PickUpTime		
PickUpTime	Required: Conditional Type: String Max Allowed: 1 Length: 4	Pickup time of transportation service for a location in military format (HHMM) e.g. 0930, 1700, 1845 etc. with exception for midnight. For midnight the time will be returned as 0.
/LocatorResponse/SearchResults/DropLocation/LocationAttribute/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/NoPickupIndicator		
NoPickupIndicator	Required: Conditional Type: String Max Allowed: 1 Length: 0	Presence or Absence Indicator. If present, Indicates that there is no pickup time for the day.
/LocatorResponse/SearchResults/DropLocation/Distance		
Distance	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container for the straight line distance from the origin to the UPS location.
/LocatorResponse/SearchResults/DropLocation/Distance/Value		
Value	Required: Yes* Type: String Max Allowed: 1 Length: 1..4	The straight line distance from the origin to the UPS location. Distance value may include one decimal and followed by one decimal place.
/LocatorResponse/SearchResults/DropLocation/Distance/UnitOfMeasurement		
UnitOfMeasurement	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	The unit of measurement the user will see for the distance is based on the user input provided in the search request.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/Distance/UnitOfMeasurement/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	The distance unit of measurement code. The unit of measurement used in the search request is returned. Valid values: MI-Miles or KM-Kilometers
/LocatorResponse/SearchResults/DropLocation/Distance/UnitOfMeasurement/Description		
Description	Required: No Type: String Max Allowed: 1 Length: 5,10	May return the description of the unit of measure specified in the request.
/LocatorResponse/SearchResults/DropLocation/SpecialInstructions		
SpecialInstructions	Required: No Type: Container Max Allowed: 1 Length: N/A	Walking directions.
/LocatorResponse/SearchResults/DropLocation/SpecialInstructions/Segment		
Segment	Required: Yes* Type: String Max Allowed: 1 Length: Variable	Walking directions, last 50 feet.
/LocatorResponse/SearchResults/DropLocation/LatestGroundDropOffTime		
LatestGroundDropOffTime	Required: Cond Type: String Max Allowed: 1 Length: Variable	The latest ground time the users can Drop-off the package at the location to be picked up. The time information is based on the time at the UPS location. When a user specifies a Drop-off Time and Ground as the Service Type, the locations that have latest Drop-off times equal to or later than the specified Drop-off time and service type are returned.
/LocatorResponse/SearchResults/DropLocation/LatestAirDropOffTime		
LatestAirDropOffTime	Required: Cond Type: String Max Allowed: 1 Length: 4..6	The latest airtime the users can Drop-off the package at the location to be picked up. The time information is based on the time at the UPS location. When a user specifies a Drop-off Time and Air as the Service Type, the locations that have latest Drop-off times equal to or later than the specified Drop-off time and service type are returned.
/LocatorResponse/SearchResults/DropLocation/AdditionalChargeIndicator		
AdditionalChargeIndicator	Required: Cond Type: String Max Allowed: 1 Length: 0	Presence or Absence Indicator. If present, Indicates if the UPS location would have an additional charge. ASO locations will require an additional charge.
/LocatorResponse/SearchResults/DropLocation/StandardHoursOfOperation		
StandardHoursOfOperation	Required: No Type: String Max Allowed: 1 Length: Variable	The standard hours of operation of the drop location will be returned when available. The location's time may differ because of holidays.
/LocatorResponse/SearchResults/DropLocation/NonStandardHoursOfOperation		
NonStandardHoursOfOperation	Required: No Type: String Max Allowed: 1 Length: Variable	The non-standard hours of operation of the drop location. The location's time may differ because of holidays, weekends, or other factors that are beyond the locations control. Seven days preceding a given holiday the Non Standard Hours Of Operation will be returned along with the standard hours of operation if available.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/WillCallHoursOfOperation		
WillCallHoursOfOperation	Required: No Type: String Max Allowed: 1 Length: Variable	The will call hours of operation of the drop location will be returned when available. The location's time may differ because of holidays.
/LocatorResponse/SearchResults/DropLocation/Number		
Number	Required: Cond Type: String Max Allowed: 1 Length: 1....6	The center number of the drop location if it is The UPS store.
/LocatorResponse/SearchResults/DropLocation/HomePageURL		
HomePageURL	Required: Cond Type: String Max Allowed: 1 Length: 1..255	The home page URL of the drop location if it is The UPS store.
/LocatorResponse/SearchResults/DropLocation/Comments		
Comments	Required: No Type: String Max Allowed: 1 Length: 1..255	Comments returned about the location. Text will be displayed in English or the locale given in the request. If Country or Territory Code is FR, and locale passed in the request is "fr_FR" then text will be displayed in French language, else comment will be displayed in English language.
/LocatorResponse/SearchResults/DropLocation/AdditionalComments		
AdditionalComments	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for Additional Comments about Location. Text will be displayed in the Locale requested.
/LocatorResponse/SearchResults/DropLocation/AdditionalComments/CommentType		
CommentType	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for CommentType Code and Text.
/LocatorResponse/SearchResults/DropLocation/AdditionalComments/CommentType/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Comment code is 01 for AccessPoint LCO pickup time comment.
/LocatorResponse/SearchResults/DropLocation/AdditionalComments/CommentType/Text		
Text	Required: Yes* Type: String Max Allowed: 1 Length: 1..255	Access point LCO pickup time comment
/LocatorResponse/SearchResults/DropLocation/Disclaimer		
Disclaimer	Required: Type: String Max Allowed: 1 Length: Variable	Textual disclaimer about the drop location.
/LocatorResponse/SearchResults/DropLocation/SLIC		
SLIC	Required: Cond Type: String Max Allowed: 1 Length: 5	SLIC.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/Timezone		
Timezone	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	TimeZone.
/LocatorResponse/SearchResults/DropLocation/FacilityType		
FacilityType	Required: Cond Type: String Max Allowed: 1 Length: 3	PKG/FRT.
/LocatorResponse/SearchResults/DropLocation/OperatingHours		
OperatingHours	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Operating Hours.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours		
StandardHours	Required: Cond Type: Container Max Allowed: UNB Length: N/A	StandardHours Container.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/HoursType		
HoursType	Required: Yes* Type: String Max Allowed: 1 Length: 2	Hours Type. Valid values: 10-Regular Operating Hours 11-Will Call Hours 12-Same Day Will Call Hours 14-Customer Pickup 50-Drop Off Hours 51-Prep Hours
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek		
DayOfWeek	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container for the Day of Week.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/Day		
Day	Required: Yes* Type: String Max Allowed: 1 Length: 1	Day of week. Valid values: 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/OpenHours		
OpenHours	Required: No Type: String Max Allowed: 1 Length: 4	Open time of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight. For midnight the time will be returned as 0.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/CloseHours		
CloseHours	Required: No Type: String Max Allowed: 1 Length: 4	Close time of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight. For midnight the time will be returned as 0.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/LatestDropOffHours		
LatestDropOffHours	Required: No Type: String Max Allowed: 1 Length: 4	LatestDropOffHours for Hour Type 50. Latest Drop Off time of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight. For midnight the time will be returned as 0.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/PrepHours		
PrepHours	Required: No Type: String Max Allowed: 1 Length: 4	PrepHours for Hour Type 51. Prep Hours of a location in military format (HHMM) e.g. 930, 1700, 1845 etc. with exception for midnight. For midnight the time will be returned as 0.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/ClosedIndicator		
ClosedIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Presence absence Indicator. Indicator present means location is closed.
/LocatorResponse/SearchResults/DropLocation/OperatingHours/StandardHours/DayOfWeek/Open24HoursIndicator		
Open24HoursIndicator	Required: No Type: String Max Allowed: 1 Length: 4...5	Presence/ Absence Indicator. Presence denotes for the given day, if the location is open 24 hours. Absence denotes the location is not open for 24 hours on the given day.
/LocatorResponse/SearchResults/DropLocation/LocalizedInstruction		
LocalizedInstruction	Required: Cond Type: Container Max Allowed: UNB Length: N/A	LocalizedInstruction container. Applicable for SearchOptionCode 01,02,03.
/LocatorResponse/SearchResults/DropLocation/LocalizedInstruction/Locale		
Locale	Required: Yes* Type: String Max Allowed: 1 Length: 5	Locale
/LocatorResponse/SearchResults/DropLocation/LocalizedInstruction/Last50ftInstruction		
Last50ftInstruction	Required: Yes* Type: String Max Allowed: 1 Length: 1..750	Holds the additional instructions. Text will be displayed in English or the locale given in the request. The max length of the additional instruction text is 750 characters.
/LocatorResponse/SearchResults/DropLocation/PromotionInformation		
PromotionInformation	Required: No Type: Container Max Allowed: UNB Length: N/A	Container to hold any promotion text for the location. Text will be displayed in English or the locale given in the request
/LocatorResponse/SearchResults/DropLocation/PromotionInformation/Locale		
Locale	Required: Yes* Type: String Max Allowed: 1 Length: 5	Locale (language/ dialect) for the promotion code.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/PromotionInformation/Promotion		
Promotion	Required: Yes* Type: String Max Allowed: 1 Length: 1..100	Promotion text for the given location.
/LocatorResponse/SearchResults/DropLocation/SortCode		
SortCode	Required: Cond Type: Container Max Allowed: 1 Length: N/A	This container is only for Freight Will call Search.
/LocatorResponse/SearchResults/DropLocation/SortCode/HubSortCode		
HubSortCode	Required: No Type: String Max Allowed: 1 Length: 2	Holds the value of the hub sort code or airport code
/LocatorResponse/SearchResults/DropLocation/SortCode/FreightSortFacilityCode		
FreightSortFacilityCode	Required: No Type: String Max Allowed: 1 Length: 3	Holds the value of the facility location code.
/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList		
ServiceOfferingList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold the list of service offerings at the end point.
/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList/ServiceOffering		
ServiceOffering	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold the end point service offering code and description.
/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList/ServiceOffering/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 3	The valid values are: 001-Direct To Retail 002-Not In One ADL 003-Click and Collect 004-Retail to Retail 005-Pickup 006-Drop Off 007-PUDO 008-Early Pickup Delivery Time 009-Accept prepaid drop offs 010-DCO DCR intercept accepted 011-Accepts Payments 012-Pay At Store 013-Accepts Restricted Articles
/LocatorResponse/SearchResults/DropLocation/ServiceOfferingList/ServiceOffering/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of the service offering. Text will be displayed in the locale requested.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/DisplayPhoneNumberIndicator		
DisplayPhoneNumberIndicator	Required: No Type: String Max Allowed: 1 Length: 1	Valid Values: 0-Do not display phone number 1-Display phone number. This indicator will be returned only for the contact type Telephone number. This indicator is used by the clients to determine whether to display the telephone number to the end user.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation		
AccessPointInformation	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for UPS Access Point specific parameters.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PublicAccessPointID		
PublicAccessPointID	Required: No Type: String Max Allowed: 1 Length: 1..15	The Public Access Point ID associated with UPS access point.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/ImageURL		
ImageURL	Required: No Type: String Max Allowed: 1 Length: 1..255	Image URL associated with UPS access point.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList		
BusinessClassificationList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold list for business classification.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList/BusinessClassification		
BusinessClassification	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold Business classification of UPS access point.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList/BusinessClassification/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 1..3	Business Classification code of UPS Access Point. Please refer to appendix D for a list of business classification.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/BusinessClassificationList/BusinessClassification/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 0..35	Description of business classification.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/AccessPointStatus		
AccessPointStatus	Required: No Type: Container Max Allowed: 1 Length: N/A	Container for UPS AccessPoint status.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/AccessPointStatus/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Valid status values are: 01-Active-available 06-Suspended 07-Active-unavailable 08-Terminated
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/AccessPointStatus/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description of status code.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/FacilitySLIC		
FacilitySLIC	Required: No Type: String Max Allowed: 1 Length: 1..10	Holds the value of facility SLIC of Access Point Location. Not implemented currently. For future use.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList		
PrivateNetworkList	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold the list of private networks.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList/PrivateNetwork		
PrivateNetwork	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold the private network details.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList/PrivateNetwork/NetworkID		
NetworkID	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	Value of networkID.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/PrivateNetworkList/PrivateNetwork/NetworkDescription		
NetworkDescription	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description of the Network.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability		
Availability	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold the status of shipping or DRC/DCO availability of a UPS Access Point.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability		
ShippingAvailability	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Holds status of shipping availability.

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/AvailableIndicator		
AvailableIndicator	Required: Cond Type: String Max Allowed: 1 Length: 0	Presence or absence indicator. Presence means the location is available for shipping.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/UnavailableReason		
UnavailableReason	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container to hold shipping unavailable reason.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/UnavailableReason/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for shipping unavailability. Code for DCR/DCO unavailability. Valid values: 01-Temporarily Unavailable 02-Location Full 03-Unavailable 04-Weather
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/ShippingAvailability/UnavailableReason/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description for shipping unavailability.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability		
DCRAvailability	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Holds status of DCR/DCO availability.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/AvailableIndicator		
AvailableIndicator	Required: Cond Type: String Max Allowed: 1 Length: 0	Presence or absence indicator. Presence means the location is available for DCR/DCO.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/UnavailableReason		
UnavailableReason	Required: Cond Type: Container Max Allowed: 1 Length: N/A	Container to hold shipping unavailable reason.
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/UnavailableReason/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for DCR/DCO unavailability. Valid values: 01-Temporarily Unavailable 02-Location Full 03-Unavailable 04-Weather

Name	Constraints	Description
/LocatorResponse/SearchResults/DropLocation/AccessPointInformation/Availability/DCRAvailability/UnavailableReason/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..35	Description for DCR/ DCO unavailability.
/LocatorResponse/SearchResults/DropLocation/LocationImage		
LocationImage	Required: No Type: Container Max Allowed: 1 Length: N/A	Location Image container.
/LocatorResponse/SearchResults/DropLocation/LocationImage/SecureURL		
SecureURL	Required: No Type: String Max Allowed: 1 Length: N/A	Secure URL for Location Image.
/LocatorResponse/SearchResults/DropLocation/LocationImage/NonSecureURL		
NonSecureURL	Required: No Type: String Max Allowed: 1 Length: N/A	Non Secure URL for Location Image.
/LocatorResponse/SearchResults/DropLocation/LocationNewIndicator		
LocationNewIndicator	Required: No Type: String Max Allowed: 1 Length: N/A	Indicator for new location.
/LocatorResponse/SearchResults/DropLocation/PromotionalLinkURL		
PromotionalLinkURL	Required: No Type: String Max Allowed: 1 Length: N/A	Promotional link URL for specific location.
/LocatorResponse/SearchResults/DropLocation/FeaturedRank		
FeaturedRank	Required: No Type: String Max Allowed: 1 Length: 0..1	Feature Ranking values: Null or blank - Location is not featured. 1 - Featured Location ranked number 1. 2 - Featured Location ranked number 2.
/LocatorResponse/SearchResults/DropLocation/WillCallLocationIndicator		
WillCallLocationIndicator	Required: No Type: String Max Allowed: 1 Length: 1	Will Call Location Indicator values: Y – Signifies a Will Call location that serves the customers address. N - Signifies it is not a Will Call location.
/LocatorResponse/SearchResults/AvailableLocationAttributes		
AvailableLocationAttributes	Required: No Type: Container Max Allowed: UNB Length: N/A	This container contains the information about the currently existing Retail Locations or Additional Services or Program types.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionType		
OptionType	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	OptionType is a container that indicates the type of the location attribute that are available. For example if the Option Type is RetailLocation the list of all available retail locations will be returned in 1 or many corresponding OptionCodes.

Name	Constraints	Description
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionType/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 2	Code for Option type.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionType/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description for Option type such as RetailLocation, AdditionalServices and ProgramType.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode		
OptionCode	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Option code is a container that contains the information of a particular retail location type or additional service or program type that is available currently. One or more of this container will be returned to give all the available codes for Retail Type or Additional Services or Program Type.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Code		
Code	Required: Yes* Type: String Max Allowed: 1 Length: 1..10	The valid list of codes and description for Retail Locations or Additional Services or Program Types that are currently available in the database. This can be obtained by a separate type of request (Request Option 8, 16, 24, 32, 40, 48 and 56).
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Description		
Description	Required: Yes* Type: String Max Allowed: 1 Length: 1..50	Description is only applicable for Program types and Additional Services. It is not provided with Location detail. It is only provided when the request is for All available additional services or all available Program types. Text will be displayed in the locale requested.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Name		
Name	Required: No Type: String Max Allowed: 1 Length: 1..50	Name will indicate the name of Location/Retail Location or Additional Services or Program Types depending on the option code. Text will be displayed in the locale requested.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/Category		
Category	Required: No Type: String Max Allowed: UNB Length:	
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule		
Transportation Pickup Schedule	Required: No Type: Container Max Allowed: 1 Length: N/A	Container to hold information regarding pickup details for each day of the week.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp		
Pickup	Required: Yes* Type: Container Max Allowed: UNB Length: N/A	Container to hold information regarding pickup day of the week and details.

Name	Constraints	Description
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/DayOfWeek		
Day of Week	Required: Yes* Type: String Max Allowed: UNB Length: 1	Day of the week for scheduled pickup. Valid values are: 1-Sunday 2-Monday 3-Tuesday 4-Wednesday 5-Thursday 6-Friday 7-Saturday.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails		
Pickup Details	Required: Yes* Type: Container Max Allowed: 1 Length: N/A	Container to hold information regarding pickup time and pickup availability indicator.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/PickUpTime		
Pickup Time	Required: No Type: String Max Allowed: UNB Length: 4	Time of pickup in military format (HHMM) e.g. 0930, 1700, 1845 etc. with exception for midnight. For midnight the time will be returned as 0.
/LocatorResponse/SearchResults/AvailableLocationAttributes/OptionCode/TransportationPickUpSchedule/PickUp/PickUpDetails/NoPickUpIndicator		
No Pickup Indicator	Required: Yes* Type: String Max Allowed: UNB Length:	Indicates whether or not there is a pickup time for the specified day of the week. Valid values: True-there is a pickup time False-there is not a pickup time.
/LocatorResponse/SearchResults/ActiveAvailableAccessPointIndicator		
ActiveAvailableAccessPointIndicator	Required: No Type: String Max Allowed: 1 Length: 0	Indicates whether the country or territory has AccessPoints or not. This tag is populated in the Response only if tag "ExistIndicator" was present in the Locator request.
/LocatorResponse/AllowAllConfidenceLevels		
AllowAllConfidenceLevels	Required: Yes Type: String Max Allowed: 1 Length: 4..5	Confidence level. Valid values: True or False

Chapter 5: Locator XML API Examples

LocatorRequest Example

```
<?xml version="1.0"?>
<AccessRequest xml:lang="en-US">
  <AccessLicenseNumber>Your Access License Number</AccessLicenseNumber>
  <UserId>Your UserID</UserId>
  <Password>Your Password</Password>
</AccessRequest>
<?xml version="1.0"?>
<LocatorRequest>
  <Request>
    <RequestAction>Locator</RequestAction>
    <RequestOption>1</RequestOption>
    <TransactionReference>
      <CustomerContext>XOLT Sample Code</CustomerContext>
    </TransactionReference>
  </Request>
  <OriginAddress>
    <AddressKeyFormat>
      <AddressLine>Street Address</AddressLine>
      <PoliticalDivision2>City</PoliticalDivision2>
      <PoliticalDivision1>State</PoliticalDivision1>
      <PostcodePrimaryLow>12345</PostcodePrimaryLow>
      <PostcodeExtendedLow>1234</PostcodeExtendedLow>
      <CountryCode>US</CountryCode>
    </AddressKeyFormat>
  </OriginAddress>
  <Translate>
    <Locale>en_US</Locale>
  </Translate>
  <UnitOfMeasurement>
    <Code>MI</Code>
  </UnitOfMeasurement>
  <LocationSearchCriteria>
    <SearchOption>
      <OptionType>
        <Code>01</Code>
      </OptionType>
      <OptionCode>
        <Code>002</Code>
      </OptionCode>
    </SearchOption>
    <MaximumListSize>1</MaximumListSize>
    <SearchRadius>50</SearchRadius>
  </LocationSearchCriteria>
</LocatorRequest>
```

LocatorResponse Example

```

<?xml version="1.0"?>
<LocatorResponse>
  <Response>
    <TransactionReference>
      <CustomerContext>XOLT Sample Code</CustomerContext>
    </TransactionReference>
    <ResponseStatusCode>1</ResponseStatusCode>
    <ResponseStatusDescription>Success</ResponseStatusDescription>
  </Response>
  <AllowAllConfidenceLevels>false</AllowAllConfidenceLevels>
  <Geocode>
    <Latitude>34.08588027</Latitude>
    <Longitude>-84.2200241</Longitude>
  </Geocode>
  <SearchResults>
    <DropLocation>
      <LocationID>137333</LocationID>
      <IVR>
        <PhraselD>0</PhraselD>
      </IVR>
      <Geocode>
        <Latitude>34.10262680</Latitude>
        <Longitude>-84.2099075</Longitude>
      </Geocode>
      <AddressKeyFormat>
        <ConsigneeName>UPS STORE 2 - </ConsigneeName>
        <AddressLine>319 CURIE DR</AddressLine>
        <PoliticalDivision2>ALPHARETTA</PoliticalDivision2>
        <PoliticalDivision1>GA</PoliticalDivision1>
        <PostcodePrimaryLow>30005</PostcodePrimaryLow>
        <CountryCode>US</CountryCode>
      </AddressKeyFormat>
      <PhoneNumber>276-328-7462</PhoneNumber>
      <FaxNumber>237-628-7362</FaxNumber>
      <LocationAttribute>
        <OptionType>
          <Code>01</Code>
          <Description>Location</Description>
        </OptionType>
        <OptionCode>
          <Code>002</Code>
          <Description>The UPS Store&reg;</Description>
        </OptionCode>
      </LocationAttribute>
      <LocationAttribute>
        <OptionType>
          <Code>02</Code>
          <Description>RetailLocation</Description>
        </OptionType>
        <OptionCode>
          <Code>04</Code>
          <Description>The UPS Store</Description>
        </OptionCode>
      </LocationAttribute>
    </DropLocation>
  </SearchResults>
</LocatorResponse>

```

```

</LocationAttribute>
<LocationAttribute>
  <OptionType>
    <Code>03</Code>
    <Description>AdditionalServices</Description>
  </OptionType>
  <OptionCode>
    <Category>06</Category>
    <Code>001</Code>
    <Name>Purchase Packaging Supplies</Name>
  </OptionCode>
  <OptionCode>
    <Category>06</Category>
    <Code>002</Code>
    <Name>Office Supplies and Services</Name>
  </OptionCode>
  <OptionCode>
    <Category>06</Category>
    <Code>003</Code>
    <Name>Duplication Services</Name>
  </OptionCode>
  <OptionCode>
    <Category>06</Category>
    <Code>004</Code>
    <Name>Mail Box Rentals</Name>
  </OptionCode>
  <OptionCode>
    <Category>06</Category>
    <Code>030</Code>
    <Name>UPS Returns&reg;</Name>
  </OptionCode>
  <OptionCode>
    <Category>06</Category>
    <Code>031</Code>
    <Name>Find a drop off location</Name>
  </OptionCode>
  <OptionCode>
    <Category>06</Category>
    <Code>032</Code>
    <Name>Pay for a UPS shipping label</Name>
  </OptionCode>
  <OptionCode>
    <Category>06</Category>
    <Code>033</Code>
    <Name>Staffed Locations</Name>
  </OptionCode>
  <OptionCode>
    <Category>07</Category>
    <Code>001</Code>
    <Name>Ground</Name>
    <TransportationPickUpSchedule>
      <PickUp>
        <DayOfWeek>1</DayOfWeek>
        <PickUpDetails>
          <NoPickUpIndicator/>

```

```

        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>2</DayOfWeek>
        <PickUpDetails>
            <PickUpTime>0900</PickUpTime>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>3</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>4</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>5</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>6</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>7</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
</TransportationPickUpSchedule>
</OptionCode>
<OptionCode>
    <Category>07</Category>
    <Code>002</Code>
    <Name>Air</Name>
    <TransportationPickUpSchedule>
        <PickUp>
            <DayOfWeek>1</DayOfWeek>
            <PickUpDetails>
                <NoPickUpIndicator/>
            </PickUpDetails>
        </PickUp>
        <PickUp>
            <DayOfWeek>2</DayOfWeek>

```

```

        <PickUpDetails>
            <PickUpTime>2200</PickUpTime>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>3</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>4</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>5</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>6</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
    <PickUp>
        <DayOfWeek>7</DayOfWeek>
        <PickUpDetails>
            <NoPickUpIndicator/>
        </PickUpDetails>
    </PickUp>
</TransportationPickUpSchedule>
</OptionCode>
</LocationAttribute>
<LocationAttribute>
    <OptionType>
        <Code>04</Code>
        <Description>ProgramType</Description>
    </OptionType>
    <OptionCode>
        <Code>02</Code>
        <Name>International Shipping Expert</Name>
    </OptionCode>
    <OptionCode>
        <Code>03</Code>
        <Name>Pack & Ship Guarantee</Name>
    </OptionCode>
    <OptionCode>
        <Code>04</Code>
        <Name>Apple Returns Program</Name>
    </OptionCode>

```

```
</OptionCode>
<OptionCode>
  <Code>07</Code>
  <Name>Bill My Account</Name>
</OptionCode>
</LocationAttribute>
<Distance>
  <Value>1.3</Value>
  <UnitOfMeasurement>
    <Code>MI</Code>
    <Description>MILES</Description>
  </UnitOfMeasurement>
</Distance>
<SpecialInstructions>
  <Segment>WESTWOOD PLAZA - KMART SHOPPING MALL NEXT TO DRESS
  BARN</Segment>
</SpecialInstructions>
<LatestGroundDropOffTime>Mon: 9:00am; Tue-Sun: No Pickup</LatestGroundDropOffTime>
<LatestAirDropOffTime>Mon: 10:00pm; Tue-Sun: No Pickup</LatestAirDropOffTime>
<StandardHoursOfOperation>Mon-Sun: 12:00am-11:55pm</StandardHoursOfOperation>
<Comments>A government-issued photo ID is required when shipping or picking up a package
at a UPS shipping location.</Comments>
<DisplayPhoneNumberIndicator>1</DisplayPhoneNumberIndicator>
<LocationNewIndicator>N</LocationNewIndicator>
<FeaturedRank>2</FeaturedRank>
<WillCallLocationIndicator>N</WillCallLocationIndicator>
</DropLocation>
</SearchResults>
</LocatorResponse>
```

Appendices

Error Codes (XML)

When the UPS system is unable to respond to a request, be it from a malformed request, an illegal or invalid value, or other issues, the API generates an error response. For examples and additional information on error responses, refer to *Chapter 3: Error Responses*, in the *Introduction to the UPS Developer Kit* guide.

To discover errors, check the `ResponseStatusCode` element. A “1” normally indicates a successful response, whereas a “0” indicates a Transient or Hard error. The `PrimaryErrorCode` element contains the error code and description.

- Successful responses may or may not include warnings.
 - Without warnings - Indicates the request has been processed as anticipated.
 - With warnings - Indicates the request has been processed with potentially unanticipated results. The warning contains information in the response that should be passed to the end user.
- The severity of an error may be transient or hard.
 - Transient error - Indicates an error that is temporary in nature. Such errors may be caused by response timeouts due to high server loads or scheduled maintenance in progress. The request may be issued successfully at a later time.
 - Hard error - Indicates the request has a problem that the system is not able to resolve. These errors are critical and prevent requests from processing.



Do not resubmit requests with Hard Errors until the problems causing the error have been resolved.

Common Error Codes

The following error codes can apply to all Webservice and other APIs.

Code	Severity	Description
10001	Hard	The request is not well formed.
10002	Hard	The request is well formed but the request is not valid.
10003	Hard	The request is either empty or null.
10006	Hard	Although the document is well formed and valid, the element content contains values which do not conform to the rules and constraints contained in this specification.
10013	Hard	The message is too large to be processed by the Application.
20001	Transient	General process failure.
20002	Hard	The specified service name, {0}, and version number, {1}, combination is invalid.
20003	Hard	Please check the server environment for the proper J2EE ws apis.
20006	Hard	Invalid request action.
20007	Hard	Missing Required field, {0}.
20008	Hard	The field, {0}, contains invalid data, {1}.
20012	Hard	The Client Information exceeds its Maximum Limit of {0}.
250000	Hard	No XML declaration in the XML document.
250001	Hard	Invalid Access License for the tool. Please re-license.
250002	Hard	Invalid UserId/Password.
250003	Hard	Invalid Access License number.
250004	Hard	Incorrect UserId or Password.

Code	Severity	Description
250005	Hard	No Access and Authentication Credentials provided.
250006	Hard	The maximum number of user access attempts was exceeded.
250007	Hard	The UserId is currently locked out; please try again in 24 hours.
250009	Hard	License Number not found in the UPS database.
250019	Hard	Invalid Field value.
250050	Transient	License system not available.

Locator Error Codes

Error Code	Severity	Description
350002	Hard	Maximum list size is invalid. It cannot be less than 1 or greater than 50.
350003	Hard	Landmark code is invalid. It cannot be less than 1 or greater than 16.
350004	Hard	Search Radius is invalid. It cannot be less than 5 and greater than 100.
350005	Hard	The unit of measurement is invalid. Valid value is MI and KM.
350006	Hard	Map Height is invalid. Valid value is an integer, greater than 100 or less than 400.
350007	Hard	Map Width is invalid. Valid value is an integer, greater than 100 or less than 400.
350008	Hard	Zoom Factor is invalid. It cannot be less than 0 or greater than 15.
350009	Hard	Request option is not supplied or is invalid.
350010	Hard	The Pan Value is invalid. Valid values are: 1, 0, or 1.
350019	Hard	The latitude value is invalid. It should be a number.
350020	Hard	The longitude value is invalid. It should be a number.
350021	Hard	The maximum list size is invalid. It should be a number.
350022	Hard	Search radius is invalid. It should be a number.
350023	Hard	Time is invalid. Valid format is HHMM.
350024	Hard	Map Start Number is not valid.
350027	Hard	Zoom Factor is not an integer.
350028	Hard	Pan X is not an integer.
350029	Hard	Pan Y is not an integer.
350031	Hard	Service code that indicates ground or air is required when service time is present.
350032	Hard	More origin information must be provided to complete the request.
350035	Hard	The Latitude is missing. It is required if geocode is present in the request.
350036	Hard	The Longitude is missing. It is required if geocode is present in the request.
350037	Hard	SearchOption node should contain OptionType node.
350038	Hard	SearchOption node should contain OptionCode node.

Error Code	Severity	Description
350039	Hard	Saturday pick up is only applicable for air.
350040	Hard	The request action is invalid.
350041	Hard	Location ID is required for Request Option 2
350042	Hard	The maximum candidate list size supplied is not valid.
350043	Hard	Location ID is required for DrivingDirections request.
350044	Hard	Origin geocode is required for request option 2.
350045	Hard	Both location type and retail location type are present in the request.
350046	Hard	Option type code is invalid . Valid values are, 01, 02, 03, 04 and 05.
350047	Hard	Relation parameter is invalid. Valid values are 01 and 02.
350048	Hard	Service code is invalid. Valid values are 01, 02, 03 and 04.
350049	Hard	Service option code is invalid. Valid values are 01.
350050	Hard	Willcallsearch node should include SLIC.
350051	Hard	Willcallsearch node should include postal code.
350052	Hard	Willcallsearch node should include country code.
350102	Hard	The Country code is missing.
350103	Hard	The language code is missing.
350104	Hard	The country code is invalid. Valid Value is US.
350105	Hard	The language code is invalid. Valid value is ENG.
350201	Hard	Unable to find any locations.
350202	Hard	Geocode was expected for this request.
350203	Hard	Unable to produce results.
350204	Hard	Unable to retrieve driving directions.
350205	Hard	Unable to produce a geospatial coordinate from the request.
350206	Hard	The Program type code provided is invalid.
350208	Hard	Request Option is invalid.
350209	Hard	Additional Services code provided is Invalid.
350210	Hard	Will call Locations not found.
350212	Hard	Invalid Retail Location Type code.
350216	Hard	There are no available additional services.
350217	Hard	There are no available retail location types.
350218	Hard	There are no available program types.
355001	Transient	The locator service is unavailable.
355002	Transient	No map was produced.

Error Code	Severity	Description
355003	Transient	The Locator system is temporarily unavailable.
350106	Hard	The city is not supported in the Customer Integration Environment
350107	Hard	The country is not supported in the Customer Integration Environment.
350214	Hard	A map could not be rendered.
350221	Hard	The search criteria did not return any results.
355004	Hard	Missing or Invalid Search Option Code for Freight Location Search.
355005	Hard	Missing ServiceGeoUnit Container for Freight Location Search.
355006	Hard	Missing or Invalid ServiceCode for Freight Location Search.
355007	Hard	Missing or Invalid GeoPoliticalUnit for Freight Location Search.
355008	Hard	Ambiguous Locations.
355009	Hard	Do not use freight location code (17) or freight Indicator (FreightIndicator) with any other valid package location option codes.
355010	Hard	Missing or Invalid Freight Will Call Search Request Type.
355011	Hard	Missing SLIC.
355012	Hard	SLIC exceeds the maximum number of 20.
355013	Hard	Missing Postal Code.
355014	Hard	Postal Code exceeds the maximum number of 20.
355015	Hard	Missing City, State or Province
355016	Hard	Deliver City or State exceeds the maximum number of 20.
355017	Hard	Invalid Day Of Week Code.
355018	Hard	Missing or Invalid Format Postal Code.
355019	Hard	Missing or Invalid Locale.
355020	Hard	Missing required data. Please verify the request parameters and try again.
355021	Hard	Location not found for postal code country.
355022	Hard	Location not found for non Postal code country.
355023	Hard	Missing or Invalid OriginOrDestination value.
355024	Hard	Invalid Postal Code or Country Code.
335042	Hard	Search Criteria missing for AccessPointSearch by Address.
335044	Hard	AccessPointSearch/ExcludeFromResult/Raduis and IncludeCriteria/MerchantAccountNumberList/MerchantAccountNumber are both required.
335046	Hard	AccessPointSearch invalid if both UPS Account Number and PublicAccessPointID present.
335047	Hard	AccessPointSearch can search by maximum 50 MerchantAccountNumber
335049	Hard	AccessPointSearch can search by excluding maximum 50 BusinessClassificationCode.

Error Code	Severity	Description
335051	Hard	AccessPointSearch can search by excluding maximum 50 PostalCodes.
335059	Hard	AccessPointSearch/IncludeCriteria/SearchFilter/ShipperPreparationDelay exceeds maximum value.

Business Classification Codes for UPS Access Points

Code	Name	Code	Name
001	BAKERY	020	NEWSSTAND
002	BOOKSTORE	021	OTHER
003	CHEMIST'S / PHARMACY	022	PET_SHOP
004	CLOTHES_SHOES	023	PHOTO_SHOP
005	CONVENIENCE_SHOP	024	RECORD_SHOP
006	DRY_CLEANING	025	SUPERMARKET
007	DRUGSTORE	026	SHOE_STORE
008	ELECTRONICS_SHOP	027	SWEET_SHOP
009	FLOWER_SHOP	028	TOBACCO_SHOP
010	FRUIT_STAND	029	TELECOM_STORE
011	FOOD_SHOP	030	VIDEO_STORE
012	GAS_STATION	031	VEGETABLE_STORE
013	GROCERY_STORE	032	OFFICE SUPPLIES
014	GIFT_SHOP	033	PACK AND SHIP
015	HARDWARE_STORE	034	BEAUTY SUPPLY
016	HOME_FURNISHING	035	GENERAL GOODS
017	HOTEL_RESTAURANT	036	TOY STORE
018	NIGHT_SHOP	037	COBBLER/SHOE REPAIR
019	LIQUOR_STORE	038	ALTERATIONS

Country or Territory Codes

Locator API Supported Countries or Territories

UPS country or territory code abbreviations generally follow the recommendations of the International Standards Organization (ISO), which publishes a list of country or territory abbreviations in ISO Standard 3166.

The following table lists all of the country or territory codes defined by ISO at the time of this publication. The latest information is available from the ISO web site: <http://www.iso.org/>.



NOTE: Not all UPS services are available in every country or territory. Refer to the [UPS Rate and Service Guide](#) at UPS.com for more information on UPS services.

Destination Country or Territory Name	Country or Territory Code
Albania	AL
Algeria	DZ
Argentina	AR
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Belgium	BE
Bermuda	BM
Bolivia	BO
Bosnia and Herzegovina	BA
Brazil	BR
Canada	CA
Cayman Islands	KY
Chile	CL
Colombia	CO
Costa Rica	CR
Croatia	HR
Czech Republic	CZ
Denmark	DK
Dominican Republic	DO
Ecuador	EC
Egypt	EG
El Salvador	SV
Finland	FI
France	FR

Destination Country or Territory Name	Country or Territory Code
Germany	DE
Ghana	GH
Gibraltar	GI
Guatemala	GT
Honduras	HN
Hungary	HU
Indonesia	ID
Ireland, Republic of	IE
Italy	IT
Kazakhstan	KZ
Kenya	KE
Kuwait	KW
Kosovo	KV
Luxembourg	LU
Malaysia	MY
Malta	MT
Mauritius	MU
Mexico	MX
Moldova	MD
Morocco	MA
Netherlands	NL
New Zealand	NZ
Nicaragua	NI
Nigeria	NG
Norway	NO
Oman	OM
Pakistan	PK
Panama	PA
Paraguay	PY
Peru	PE
Philippines	PH
Poland	PL
Portugal	PT

Destination Country or Territory Name	Country or Territory Code
Puerto Rico	PR
Qatar	QA
Saudi Arabia	SA
Serbia	RS
Singapore	SG
South Africa	ZA
Spain	ES
Sweden	SE
Switzerland	CH
Thailand	TH
U.S. Virgin Islands	VI
United Arab Emirates	AE
United Kingdom	GB
United States	US
Uruguay	UY
Venezuela	VE

Location Options

Code	Location Option Description
000	Represents all location types supported by a country or territory (not an actual location type code)
001	UPS Customer Center
002	The UPS Store
003	UPS Drop Box
004	Authorized Shipping Outlet
005	Mail Boxes Etc.
007	UPS Alliance
009	UPS Express
010	UPS Express
011	UPS Express
012	UPS Express
014	UPS Authorized Service Providers
015	UPS Authorized Service Providers
016	UPS Authorized Service Providers
017	UPS Worldwide Express Freight Center
018	UPS Access Point

Location Search Option Codes

These codes vary by country or territory. It is strongly recommended that clients contact UPS to retrieve the primary search indicator and the valid Location Types and Service Level Options for each country or territory.

The primary search indicator specifies whether to use Location Types or Service Level Options.

Retail Locations

The Retail Locations codes change dynamically. The valid list of codes for different retail location types can be obtained by a separate type of request (Request Option 32, 40, 48 and 56).

Additional Service Codes

The Additional service codes change dynamically. The valid list of codes for different additional services can be obtained by a separate type of request (Request Option 8, 24, 40 and 56).

Program Type Codes

The Program Type codes change dynamically. The valid list of codes for different program types can be obtained by a separate type of request (Request Option 16, 24, 48 and 56).

The Request should include **Services Level Options** OR **Location Types** but not both. If both are passed, the Service Level Option will be ignored. Only one Service Level Option can be requested at a time.

****Note:** The name for UPS Access Point, Kiala Point, and UPS Paket Shop (011) and UPS Authorized Service Provider (014, 015, 016) will change by country or territory.

Locations

001-UPS Customer Center
002-The UPS Store
003-UPS drop box
004- Authorized Shipping Outlet
005-MailBoxes Etc
007-UPS Alliance
009-UPS Express
010-UPS Express
011-UPS Access Point/Kiala Point/UPS Paket Shop
012-UPS Express
013-UPS Authorized Service Provider
014-UPS Authorized Service Provider
015-UPS Authorized Service Provider
016-UPS Authorized Service Provider
017-UPS Freight Customer Centers
018-UPS Access Point

Service Level Option

01-Full Service
02-Shipping and Drop Off
03-Shipping
04-Drop Off
05-All
06-Self-Service
07-Collection and Prepaid Drop Off

08-Unstaffed Collection & Prepaid Drop-off

Program Types

Code	Description (Varies by Country or Territory)
03	Pack & Ship Promise/Guarantee
02	International Shipping Expert
04	Apple Returns Program
05	UPS Consignee Pickup
06	UPS My Choice
07	Bill My Account
08	UPS Access Point

Service Level Options and Location Types

Country or Territory	Full Service	Shipping & Drop Off	Shipping	Drop Off Staffed	Drop Off Unstaffed	Collection & Prepaid Drop Off
Albania (AL)	N	Y	Y	Y	N	N
Algeria (DZ)	N	Y	Y	Y	N	N
Argentina (AR)	N	Y	Y	Y	N	N
Australia (AU)	N	Y	Y	Y	N	N
Austria (AT)	Y	Y	Y	Y	N	N
Azerbaijan (AZ)	N	Y	Y	Y	N	N
Bahamas (BS)	N	Y	Y	Y	N	N
Bahrain (BH)	N	Y	Y	Y	N	N
Belgium (BE)	N	Y	Y	Y	N	Y
Bermuda (BM)	Y	Y	Y	Y	N	N
Bolivia (BO)	Y	Y	Y	Y	N	N
Bosnia (BA)	N	Y	Y	Y	N	N
Brazil (BR)	Y	Y	Y	Y	N	N
Canada (CA)	Y	Y	Y	Y	Y	Y
Cayman Islands (KY)	Y	Y	Y	Y	N	N
Chile (CL)	Y	Y	Y	Y	N	N
Colombia (CO)	Y	Y	Y	Y	N	N
Costa Rica (CR)	Y	Y	Y	Y	N	N
Croatia (HR)	Y	Y	Y	Y	N	N
Czech Republic(CZ)	Y	Y	Y	Y	N	Y
Denmark (DK)	N	Y	Y	Y	N	N
Dominican Republic (DO)	Y	Y	Y	Y	N	N
Ecuador (EC)	Y	Y	Y	Y	N	N
Egypt (EG)	N	Y	Y	Y	N	N
El Salvador (SV)	Y	Y	Y	Y	N	N
Finland (FI)	N	Y	Y	Y	N	N
France (FR)	Y	Y	Y	Y	N	Y
Germany (DE)	Y	Y	Y	Y	N	Y
Ghana (GH)	N	Y	Y	Y	N	N
Gibraltar (GI)	N	Y	Y	Y	N	N
Guatemala (GT)	Y	Y	Y	Y	N	N
Honduras (HN)	Y	Y	Y	Y	N	N

Country or Territory	Full Service	Shipping & Drop Off	Shipping	Drop Off Staffed	Drop Off Unstaffed	Collection & Prepaid Drop Off
Hungary(HU)	Y	Y	Y	Y	N	Y
Indonesia (ID)	Y	Y	Y	Y	N	N
Ireland (IE)	Y	Y	Y	Y	N	N
Italy (IT)	Y	Y	Y	Y	N	N
Kenya (KE)	N	Y	Y	Y	N	N
Khazakistan (KZ)	N	Y	Y	Y	N	N
Kuwait (KW)	N	Y	Y	Y	N	N
Luxembourg (LU)	Y	Y	Y	Y	N	Y
Malaysia (MY)	N	Y	Y	Y	N	N
Malta (MT)	Y	Y	Y	Y	N	N
Mauritius (MU)	N	Y	Y	Y	N	N
Mexico (MX)	N	Y	Y	Y	N	N
Moldova (MD)	Y	Y	Y	Y	N	N
Morocco (MA)	N	Y	Y	Y	N	N
Netherlands (NL)	N	Y	Y	Y	N	Y
New Zealand (NZ)	N	Y	Y	Y	N	N
Nicaragua (NI)	Y	Y	Y	Y	N	N
Nigeria (NG)	Y	Y	Y	Y	N	N
Norway (NO)	N	Y	Y	Y	N	N
Oman (OM)	N	Y	Y	Y	N	N
Pakistan (PK)	N	Y	Y	Y	N	N
Panama (PA)	N	Y	Y	Y	N	N
Paraguay (PY)	Y	Y	Y	Y	N	N
Peru (PE)	Y	Y	Y	Y	N	N
Philippines (PH)	Y	Y	Y	Y	N	N
Portugal (PT)	N	Y	Y	Y	N	N
Puerto Rico (PR)	N	Y	Y	Y	N	N
Poland(PL)	Y	Y	Y	Y	N	Y
Qatar (QA)	Y	Y	Y	Y	Y	N
Saudi Arabia (SA)	N	Y	Y	Y	N	N
Serbia (RS)	N	Y	Y	Y	N	N
Singapore (SG)	N	Y	Y	Y	N	N
South Africa (ZA)	N	Y	Y	Y	N	N

Country or Territory	Full Service	Shipping & Drop Off	Shipping	Drop Off Staffed	Drop Off Unstaffed	Collection & Prepaid Drop Off
Spain (ES)	N	Y	Y	Y	N	Y
Sweden (SE)	Y	Y	Y	Y	N	N
Switzerland (CH)	Y	Y	Y	Y	N	N
Thailand (TH)	N	Y	Y	Y	N	N
United Arab Emirates (AE)	Y	Y	Y	Y	N	N
United Kingdom (GB)	N	Y	Y	Y	N	Y
United States (US)	Y	Y	Y	Y	N	N
Uruguay (UY)	Y	Y	Y	Y	Y	N
US Virgin Islands (VI)	Y	Y	Y	Y	N	N
Venezuela (VE)	N	Y	Y	Y	N	N

Note: MBE can be found in countries or territories that do not have The UPS Store. When MBE and The UPS Store are in the same country or territory, MBE is categorized as a Authorized Shipping Outlet.

Service Offering Codes for UPS Access Points

End Point Service Offering Codes

Code	Description
001	A commercial business sends a shipment to an authorized retail destination where it is held for the final consignee to claim
002	A shipment that failed the first delivery at the consignees address, could not be redirected to a neighbor, and was redirected by UPS to a nearby UPS Access Point™
003	Click and Collect
004	Consumer to consumer shipping option for shipments that are dropped off at a UPS Access Point and sent to a UPS Access Point for the final consignee to claim
005	UPS Access Point allows customers to only Pickup/Collect shipments
006	UPS Access Point allows customer to only Drop Off shipments
007	Spare parts logistics for service engineers & technicians through the UPS Access Point network for picking up and dropping off parts at convenient locations
008	The UPS Access Point is open early to allow consignees to Pick-up/Collect of packages
009	UPS Access Point can accept packages that already have an acceptable ups shipping label with tracking number
010	When a delivery change request to a retail location has been completed by Delivery Change Option (DCO) in My Choice - preferences and Delivery Change Request (DCR) at UPS.com
011	The location will have the capability to accept monies for Cash on Delivery (COD) and International Cash on Delivery (ICOD) shipments to the UPS Access Point locations
012	The location will have the capability to filter it with Pay At Store feature.
013	The location will have the capability to filter it with Accepts Restricted Articles feature.
015	Accepts Mobile Barcodes.

Additional Services

Code	Description (Varies by Countries or Territories)
002	Office Supplies and Services
003	Duplication Services
004	Mail Box Rentals
005	Faxing
006	Freight Services
007	Crating
009	Notary
012	Pay at Store
030	UPS Returns
033	Staffed Locations