

AVCA2 - ValidateCanadianAddressV2 - Recommended

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This operation performs basic checks on user supplied inputs; Address1, Address2, Municipality, Province or Postal Code and returns verified Address, Municipality, Province and Postal Code in Canadian address recommended format which is upper cased. There is also a method to return proper cased addresses by appending "-Proper" to the language parameter (e.g Language=EN-Proper). This operation also returns time zone and a check on if the supplied location is a P.O. Box, General Delivery or Rural Route. This operation requires either a Postal Code or both Municipality and Province. Providing all inputs is recommended, because it helps the validation proceed if some of the elements are malformed.

URL Endpoints

XML:

```
https://trial.serviceobjects.com/AVCA2/api.svc/ValidateCanadianAddressV2?PostalCode={POSTALCODE}&Province={PROVINCE}&Municipality={MUNICIPALITY}&Address2={ADDRESS2}&Address={ADDRESS}&Language={LANGUAGE}&LicenseKey={LICENSEKEY}
```

JSON:

```
https://trial.serviceobjects.com/AVCA2/api.svc/ValidateCanadianAddressV2?PostalCode={POSTALCODE}&Province={PROVINCE}&Municipality={MUNICIPALITY}&Address2={ADDRESS2}&Address={ADDRESS}&Language={LANGUAGE}&LicenseKey={LICENSEKEY}&Format=JSON
```

ValidateCanadianAddressV2 Inputs

Name	Type	Description
Address	String	Address line of the address to validate. For example, "123 Main Street".
Address 2	String	The Address2 of the address to validate. This will only be used in particular situation where the Address1 does not help in validating the address.
Municipality	String	The Municipality of the address to validate.
Province	String	The Province of the address to validate.
PostalCode	String	The Postal Code of the address to validate. A Postal Code isn't required, but if one is not provided, the Municipality and Province are required.

Language	String	The Language to return the addresses as. Acceptable values are (English, EN, French FR, EN-Proper, FR-Proper). Leaving this field blank will use the default behavior of returning addresses as English standardized if they are provided in English and French standardized if provided in French. Adding the additional value "Prope" will apply proper casing to the output address.
LicenseKey	String	Your license key to use the service. Sign up for a free trial key at https://www.serviceobjects.com/products/address-geocoding/canada-address-validation

ValidateCanadianAddressV2 Outputs

CanadianAddressResponseV2

Name	Type	Values	Description
CanadianAddressInfoV2	Object	Varies	The returned values of a valid Canadian Address.
Error	Object	Varies	The returned error result from a failed address verification or user input error.
Debug	String[]	Varies	Used internally for testing.

CanadianAddressInfoV2

Name	Type	Values	Description
Address	String	Varies	The corrected Address line 1.
Address 2	String	Varies	The corrected Address line 2
Municipality	String	Varies	The corrected Municipality.
Province	String	Varies	The corrected Province.
PostalCode	String	Varies	The corrected PostalCode.
TimeZone	String	Varies	The corresponding time zone from the validated address.
AddressNumberFragment	String	Varies	The parsed address number returned from the validated address: "123" in "123 S. Main Street"
StreetNameFragment	String	Varies	The parsed street name fragment returned from the validated address: "Main" in "123 S. Main Street"
StreetTypeFragment	String	Varies	The parsed street type returned from the validated address "Street" in "123 S. Main Street"
DirectionalCodeFragment	String	Varies	The parsed returned directional code fragment from the validated address. "S" in "123 S. Main Street"

UnitTypeFragment	String	Varies	The parsed unit type fragment from the validated address. i.e. "Apt" or "Suite"
UnitNumberFragment	String	Varies	The parsed unit number fragment from the validated address. "1" of "Apt 1"
IsPOBox	String	Varies	The returned Boolean value of a validated address as being a PO Box address.
BoxNumberFragment	String	Varies	The returned Box Number from a PO Box address. "1234" of "PO Bo 1234"
StationInfo	String	Varies	The returned Station Name of the Delivery Station.
DeliveryMode	String	Varies	The returned Delivery Mode of the address.
DeliveryInstallation	String	Varies	The returned Delivery Installation Type where the final mail sort happens.
Corrections	String	Varies	See Correction Code descriptions below.
CorrectionsDescriptions	String	Varies	Description of corrections made to input address.

References