

How to Use Our Web Services: A Step-by-Step Guide

In the following steps, you will be able to authenticate your user, select a car brand, year, model, and specific variant, and receive a quote from an insurance company. First, you will need to use the authentication service with a post request to the specified URL. This will verify your user.

Next, you can use the brands service with a get request to see a list of available car brands. From there, you can use the years service to select a specific year and the models service to choose a model. The variant service will provide a list of variants for the selected year, model, and brand.

If you want more detailed information, you can use the variant-detailed service with a get request.

Once you have selected all of your preferences, you can use the create quote-id service with a post request to receive a quote Id. With this quote Id, you can use the quotation service with a post request to receive a quote from an insurance company.

Finally, you can use the save-post-quote service to save your quote for future reference.

Step 1: AUTHENTICATION SERVICE

This service is used to authenticate your user. This is a Post request.

Using the following url: <https://dev.core-goagentesdigitales.com/authenticate>

POST /authenticate createAuthenticationToken

```
{
  "password": "String",
  "username": "String"
}
```

A **JSON body** is required consisting of password and username.

The **password** field is a string representing your password.

The **username** field is a string representing your username.

Your credentials will be provided by email.

The response will be a token used to authenticate any operations used from this point on.

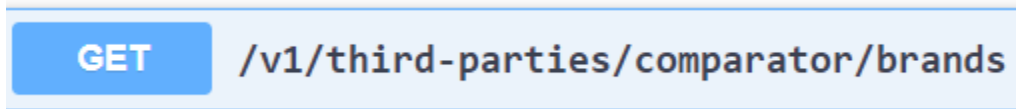
```
{"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTJ5Ij06eyJ1cm9mZiI6Im52IATy-Hn-ldxzBKw"}
```

Step 2: BRANDS SERVICE

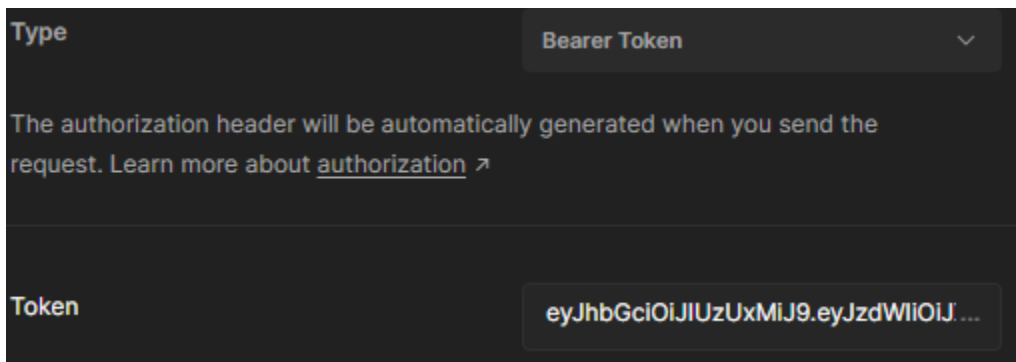
This service returns the list of available car brands that are available. This is a Get request.

Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/comparator/brands>



No parameters are required here, except for a **Bearer Token**.



The Response will be an array of available car **brands**.

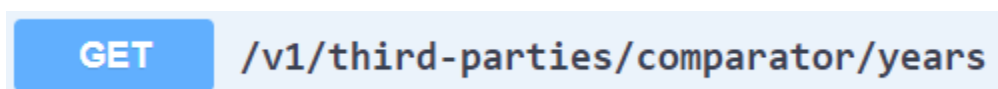


Step 3: YEARS SERVICE

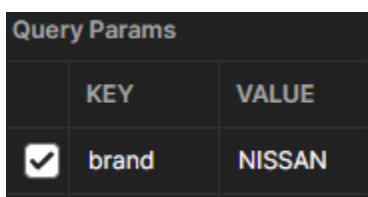
This service returns years available of the Brand selected. This is a Get request.

Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/comparator/years>



A key/value pair field for the **brand** is required, along with a **Bearer Token**.



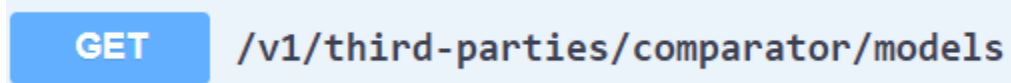
The Response will be an array of available **years** for the brand selected.

```
[{"id": "o105", "text": "2023"}, {"id": "o104", "text": "2022"}, {"id": "o103", "text": "2021"}]
```

Step 4: MODELS SERVICE

This service returns car models for the year and brand selected. This is a Get request. Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/comparator/models>



Two key/value pairs are required for **brand**, and **year**, along with a **Bearer Token**.

Query Params		
	KEY	VALUE
<input checked="" type="checkbox"/>	brand	NISSAN
<input checked="" type="checkbox"/>	year	2016

The response will be an array of available **models** for the year and brand selected.

```
[{"id": "sm1", "text": "MARCH"}, {"id": "sm2", "text": "VERSA"}, {"id": "sm3", "text": "TSURU"}]
```

Step 5: VARIANT SERVICE

This service returns car variants for the year, model and brand selected. This is a Get request.

Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/comparator/variants>



Three key/value pairs are required for **year**, **brand**, and **model**, along with a **Bearer token**.

Query Params	
KEY	VALUE
<input checked="" type="checkbox"/> brand	NISSAN
<input checked="" type="checkbox"/> year	2016
<input checked="" type="checkbox"/> model	MARCH

The response will be an array of available **variants** for the year, model and brand selected.

```
[{"id": "d107180", "text": "ACTIVE 1.6L STD"}, {"id": "d107179", "text": "ACTIVE ABS 1.6L STD"}]
```

Step 6: VARIANT-DETAILED SERVICE

This service returns specific details of each car associated with the corresponding insurance company available for the variant, model, brand and year selected. This service is a Get request.

Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/comparator/details>

GET**/v1/third-parties/comparator/details**

Four key/value pairs are required for **variant**, **year**, **brand**, and **model**, along with a **Bearer token**.

Query Params		
	KEY	VALUE
<input checked="" type="checkbox"/>	brand	NISSAN
<input checked="" type="checkbox"/>	year	2016
<input checked="" type="checkbox"/>	model	MARCH
<input checked="" type="checkbox"/>	variant	ACTIVE 1...

The response will be an array of insurance **company specific variants** for the variant, year, model and brand selected.

```
{
  "id": "109432-7148",
  "text": "NISSAN MARCH ACTIVE, L4, 1.6L,",
  "aseguradora": "AFIRME"
},
{
  "id": "6063",
  "text": "MARCH ACTIVE STANDARD 4 CIL 5 PTAS",
  "aseguradora": "AIG"
}
```

NOTE: The “**id**” field returns the value for “**clave**” to be used in quotation service in step 8.

Step 7: CREATE QUOTE-ID

This service returns a quote Id for future petitions. This service is a post request. Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/save-petition>

POST

/v1/third-parties/save-petition

A json body is required consisting of **id**, **idAgente**, **idSubRamo**, **peticion**, **respuesta**, along with a **Bearer String**.

1. "id": is an integer with a default value of 0
2. "idAgente": is an integer with a value corresponding to the IdAgente given via **email**.
3. "idSubRamo": an integer with a default value of 0.
4. "peticion ": a string containing a JSON object with keys "aseguradora", "clave", "cp", "descripcion", "descuento", "edad", "fechaNacimiento", "genero", "marca", "modelo", "movimiento", "paquete", and "servicio". **The values of these keys are strings, with the exception of "edad", which is an integer.**
5. "respuesta": an empty array represented as a string.

```
... "id": 0,
  "idAgente": 33599 ,
  "idSubRamo": 0,
  "peticion": "{ \"aseguradora\": \"HDI\", \"clave\": \"2009020\",
    \"cp\": \"56428\", \"descripcion\": \"ALTIMA\",
    \"detalle\": \"ALTIMAADVANCE, L4, 2.5L, 182CP, 4PUERTAS, AUTAUT4PTAS\",
    \"descuento\": \"20\", \"edad\": \"32\", \"fechaNacimiento\": \"01/01/1990\",
    \"genero\": \"M\", \"marca\": \"NISSAN\", \"modelo\": \"2020\",
    \"movimiento\": \"cotizacion\", \"paquete\": \"AMPLIA\",
    \"servicio\": \"PARTICULAR\" }",
  "respuesta": "[]"
```

The response will be a JSON Object containing an automatically generated id which will serve as the **quoteID** for future operations.

```
"id": 139927,
"idSubRamo": 128,
"idAgente": 33599,
"peticion": "{ \"aseguradora\": \"HDI\", \"clave\": \"2009020\",
  \"cp\": \"56428\", \"descripcion\": \"ALTIMA\",
  \"detalle\": \"ALTIMAADVANCE, L4, 2.5L, 182CP, 4PUERTAS,
  AUTAUT4PTAS\", \"descuento\": \"20\", \"edad\": \"32\",
  \"fechaNacimiento\": \"01/01/1990\", \"genero\": \"M\",
  \"marca\": \"NISSAN\", \"modelo\": \"2020\",
  \"movimiento\": \"cotizacion\", \"paquete\": \"AMPLIA\",
  \"servicio\": \"PARTICULAR\" }",
"respuesta": "[]"
```

Step 8: QUOTATION

This service returns a quote for the specific insurance company chosen. This service is a Post request.

Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/quotation>

POST

/v1/third-parties/quotation

A json body is required consisting of cp, edad, clave, marca, genero, modelo, paquete, servicio, descuento, movimiento, aseguradora, descripcion, and fechaNacimiento. As well as a key/value pair for **quoteld(obtained in step 7)** and a **Bearer Token**.

- "aseguradora": a string representing the name of the insurance company(obtained from **step 6**)
- "clave": a string representing vehicular key(obtained from **step 6**)
- "cp": a string representing the postal code
- "descripcion": a string representing the description of vehicle(obtained **step 5**)
- "descuento": a numerical value representing the discount applied to the insurance policy
- "detalle": a string representing additional details about vehicle(obtained from **step 6**)
- "edad": a numerical value representing the age of the policyholder
- "fechaNacimiento": a string representing the date of birth of the policyholder
- "genero": a string representing the gender of the policyholder
- "marca": a string representing the brand of the vehicle(obtained from **step 2**)
- "modelo": a numerical value representing the model of the vehicle(obtained from **step 3**)
- "movimiento": a string representing what operation is being used(default **cotizacion**)
- "paquete": a string representing the package of insurance coverage selected(amplia, limitada, rc)
- "servicio": a string representing the type of service provided (e.g. "particular")

Quote JSON

```
{  
  "cp": "45655",  
  "edad": "25",  
  "clave": "2072",  
  "marca": "NISSAN",  
  "genero": "MASCULINO",  
  "modelo": "2007",  
  "paquete": "AMPLIA",  
  "servicio": "PARTICULAR",  
  "descuento": 0,  
  "movimiento": "cotizacion",  
  "aseguradora": "gnp",  
  "descripcion": "CUSTOM STD., 05 OCUP:",  
  "fechaNacimiento": "01/01/1996"  
}
```

The response consists of a JSON object with the following fields:

- "aseguradora": a string representing the name of the insurance company
- "cliente": an object containing information about the client. The fields within this object are:
 1. "apellidoMat": the client's maternal last name, as a string
 2. "apellidoPat": the client's paternal last name, as a string
 3. "beneficiarioPreferente": the preferred beneficiary of the insurance policy, as a string
 4. "curp": the client's CURP (Clave Única de Registro de Población) identification number, as a string
 5. "direccion": an object containing the client's address information. The fields within this object are:
 - "calle": the street name, as a string
 - "ciudad": the city, as a string
 - "codPostal": the postal code, as a string
 - "colonia": the neighborhood, as a string
 - "noExt": the street number (exterior), as a string
 - "noInt": the street number (interior), as a string
 - "pais": the country, as a string
 - "poblacion": the town or population center, as a string

6. "edad": the client's age, as a string
 7. "email": the client's email address, as a string
 8. "fechaNacimiento": the client's date of birth, as a string
 9. "genero": the client's gender, as a string
 10. "nombre": the client's first name, as a string
 11. "ocupacion": the client's occupation, as a string
 12. "rfc": the client's RFC (Registro Federal de Contribuyentes) identification number, as a string
 13. "telefono": the client's phone number, as a string
 14. "tipoPersona": the type of person (e.g. individual, corporation), as a string
- "coberturas": an array of objects, each representing a coverage offered by the insurance policy. Each object has the following fields:
 1. "deducible": the deductible for the coverage, as a string
 2. "nombre": the name of the coverage, as a string
 3. "sumaAsegurada": the insured amount for the coverage, as a string
 - "codigoError": a string representing an error code, if applicable
 - "cotizacion": an object containing information about the quote for the insurance policy. The fields within this object are:
 1. "cotID": a string representing the quote ID
 2. "cotInclID": a string representing the quote incident ID
 3. "derechos": a string representing the rights associated with the quote
 4. "idCotizacion": a string representing the quote ID
 5. "impuesto": a string representing the tax for the quote
 6. "pagosSubsecuentes": a string representing the subsequent payments for the quote
 7. "primaNeta": a string representing the net premium for the quote
 8. "primaTotal": a string representing the total premium for the quote
 9. "primerPago": a string representing the first payment for the quote
 10. "recargos": a string representing the surcharges for the quote

Step 9: SAVE-POST-QUOTE

This service saves the quote in step 8.

Using the following url:

<https://dev.core-goagentesdigitales.com/v1/third-parties/save-post-quote>

POST

`/v1/third-parties/save-post-quote/{quoteId}`

A JSON body is required consisting of the response from step 8 copied and pasted with no modifications, along with a Bearer String. Additionally a path variable is required with the quoteId example :

`v1/third-parties/quotation?quoteId=139927`

```
{
  "aseguradora": "AIG",
  "cliente": {
    "tipoPersona": "F",
    "nombre": "ALVARO",
    "apellidoPat": "SANCHEZ",
    "apellidoMat": "AGUILAR",
    "rfc": "oug960104BL1",
    "fechaNacimiento": "1981-03-01",
    "ocupacion": "comerciante",
    "curp": "oug960104hhgrnr09",
    "direccion": {
      "calle": "DIAZ ORDAZ",
      "noExt": "3",
      "noInt": "1",
      "colonia": "DEL VALLE SUR",
      "codPostal": "03100",
      "ciudad": "CIUDAD DE MEXICO",
      "pais": "MEXICO",
      "poblacion": ""
    },
  },
  "edad": "38",
  "genero": "M",
  "telefono": "5523487984",
}
```

```
"email": "asanchezq@ahorra.io",
"estadoCivil": "",
"numeroCertificadoFirmaElectronica": "",
"claveElector": ""
},
"vehiculo": {
  "uso": "",
  "marca": "NISSAN",
  "modelo": "2008",
  "noMotor": "1XP5DB9XXMN325446",
  "noSerie": "1G1PC5SB3D7136314",
  "noPlacas": "X58RPP",
  "descripcion": "VERSA SENSE STANDARD 4 CIL 4 PTAS",
  "detalle": "",
  "codMarca": "",
  "codDescripcion": "",
  "codUso": "",
  "clave": "2779",
  "servicio": "",
  "subMarca": ""
},
"coberturas": [
  {
    "nombre": "Daño Material",
    "sumaAsegurada": "",
    "deducible": "5%"
  },
  {
    "nombre": "Robo Total",
    "sumaAsegurada": "",
    "deducible": "10%"
  },
  {
    "nombre": "Responsabilidad Civil (L.U.C.)",
    "sumaAsegurada": "3000000",
    "deducible": "0%"
  },
  {
    "nombre": "Gastos Médicos",
    "sumaAsegurada": "50000",
    "deducible": "0%"
  }
],
```

```
{
  "nombre": "Asistencia vial y en viajes",
  "sumaAsegurada": "",
  "deducible": "0%"
},
{
  "nombre": "S.O.S. Defensa legal y fianza",
  "sumaAsegurada": "",
  "deducible": "0%"
},
{
  "nombre": "Pérdida y/o robo de documentos ",
  "sumaAsegurada": "",
  "deducible": "0%"
},
{
  "nombre": "Muerte accidental",
  "sumaAsegurada": "",
  "deducible": "0%"
},
{
  "nombre": "Responsabilidad civil privada",
  "sumaAsegurada": "",
  "deducible": "0%"
},
{
  "nombre": "Wallet guard pérdida y/o robo de llaves",
  "sumaAsegurada": "",
  "deducible": "0%"
},
{
  "nombre": "Robo de identidad",
  "sumaAsegurada": "",
  "deducible": "0%"
}
],
"paquete": "AMPLIA",
"descuento": "",
"periodicidadDePago": "CONTADO",
"cotizacion": {
  "primaTotal": "4,281.48",
  "primaNeta": "3,140.93 mxn",
```

```
"derechos": "550",
"impuesto": "590.55",
"recargos": "0.00",
"primerPago": "4,281.48",
"pagosSubsecuentes": "0",
"idCotizacion": "639b742b9b4c247c402722dc",
"cotID": "",
"verID": "",
"cotInclID": "",
"verInclID": "",
"resultado": true
},
"emision": {
  "primaTotal": "",
  "primaNeta": "",
  "derechos": "",
  "impuesto": "590.55",
  "recargos": "0.00",
  "primerPago": "",
  "idCotizacion": "639b742b9b4c247c402722dc",
  "terminal": "",
  "documento": "",
  "poliza": "",
  "referencia": "",
  "resultado": false
},
"pago": {
  "medioPago": "",
  "nombreTarjeta": "",
  "banco": "",
  "noTarjeta": "",
  "mesExp": 0,
  "anioExp": 0,
  "codigoSeguridad": "",
  "noClabe": "",
  "carrier": 0,
  "msi": "",
  "resultado": false
},
"codigoError": " Algo salió mal verifique su número de cotización {\\"idCotizacion\\":\\"}: El carrito no puede ser
modificado, se encuentra emitido por una póliza.\\"},
"urlRedireccion": ""
```

```
}
```

The response is a JSON object detailing that the quote was saved.

```
{"message": "Quote saved Successfully."}
```

Step 10: ISSUANCE

This service receives complete information on the client and returns a policy if payment is successful. This service is a post request.

The following url: <https://dev.core-goagentesdigitales.com/v1/third-parties/issuance>

POST /v1/third-parties/issuance

A Json body is required consisting of the **response** from **step 8** copied and pasted over. With any empty fields containing client information to be filled in. Additionally a quoteld is required as a path variable(obtained from **step 7**) along with a **Bearer Token**.

```
v1/third-parties/issuance?quoteld=139927
```

```
{
  "cliente": {
    "tipoPersona": "fisica",
    "nombre": "mario",
    "apellidoPat": "salinas",
    "apellidoMat": "martinez",
    "rfc": "oug960104BL1",
    "fechaNacimiento": "1996-01-01",
    "ocupacion": "",
    "curp": "oug960104hhgrnr09",
    "direccion": {
      "calle": "av hidalgo",
      "noExt": "31",
      "noInt": "",
      "colonia": "Ixtlahuaca de cuauhtemoc",
      "codPostal": "55990",
      "poblacion": "",
      "ciudad": ""
    }
  }
}
```

```
"pais": ""
},
"edad": "25",
"genero": "MASCULINO",
"telefono": "5549049361",
"email": "mario@gmail.com"
},
"vehiculo": {
  "uso": "",
  "marca": "NISSAN",
  "modelo": "2016",
  "noMotor": "57sf89s",
  "noSerie": "474s89fds",
  "noPlacas": "64s54fs",
  "descripcion": "CUSTOM STD., 05 OCUP.",
  "codMarca": "",
  "codDescripcion": "",
  "codUso": "",
  "clave": "109432-7148",
  "servicio": "",
  "subMarca": ""
},
"coberturas": [
  {
    "nombre": "DAÑOS MATERIALES",
    "sumaAsegurada": "VALOR COMERCIAL",
    "deducible": "5%"
  },
  {
    "nombre": "ROBO TOTAL",
    "sumaAsegurada": "VALOR COMERCIAL",
    "deducible": "10%"
  },
  {
    "nombre": "RESPONSABILIDAD CIVIL LUC",
    "sumaAsegurada": "4000000",
    "deducible": "NO APLICA"
  },
  {
    "nombre": "GASTOS MÉDICOS OCUPANTES",
    "sumaAsegurada": "250000.0",
    "deducible": "NO APLICA"
  }
]
```


```
},
{
  "nombre": "ASISTENCIA JURÍDICA",
  "sumaAsegurada": "AMPARADA",
  "deducible": "NO APLICA"
},
{
  "nombre": "ASISTENCIA VIAL",
  "sumaAsegurada": "AMPARADA",
  "deducible": "NO APLICA"
},
{
  "nombre": "RESPONSABILIDAD CIVIL EN USA Y CANADÁ",
  "sumaAsegurada": "AMPARADA",
  "deducible": "NO APLICA"
},
{
  "nombre": "RESPONSABILIDAD CIVIL EN EXCESO POR MUERTE",
  "sumaAsegurada": "1000000",
  "deducible": "NO APLICA"
}
],
"paquete": "AMPLIA",
"descuento": "0",
"periodicidadDePago": "contado",
"cotizacion": {
  "primaTotal": "8248.47338481232",
  "primaNeta": "",
  "derechos": "",
  "impuesto": "",
  "recargos": "",
  "primerPago": "",
  "pagosSubsecuentes": "",
  "idCotizacion": "5582421",
  "cotID": "",
  "verID": "",
  "cotInclID": "",
  "verInclID": "",
  "resultado": ""
},
"emision": {
  "primaTotal": "",
```




```
"primaNeta": "",
"derechos": "",
"impuesto": "",
"recargos": "",
"primerPago": "",
"pagosSubsecuentes": "",
"idCotizacion": "",
"terminal": "",
"documento": "",
"poliza": "",
"resultado": false
},
"pago": {
  "medioPago": "",
  "nombreTarjeta": "",
  "banco": "",
  "noTarjeta": "",
  "mesExp": "",
  "anioExp": "",
  "codigoSeguridad": "",
  "noClabe": "",
  "carrier": 0,
  "msi": ""
},
"codigoError": "",
"urlRedireccion": "",
"aseguradora": "AFIRME"
}
```

The response is a successful policy returned by the service.


HTTP STATUS

 200 OK


This status indicates that the operation was successful.

 401 Unauthorized


This status indicates that an incorrect token was used.

 500 Internal Server Error

This status indicates that there was an issue with the specific web service.

 400 Bad Request

This status indicates that the parameters or json body are of incorrect format.

 201 Created

This status indicates that the operation created something successfully.

EXAMPLES ARE IN POSTMAN COLLECTION.

ADDITIONAL ENDPOINTS

Afirme-States

GET

`/v1/third-parties/afirme-states` `afirmeStates`

This service is to be used only when the node Aseguradora = "Afirme"

It is a complementary service that retrieves a "data" object containing States with their corresponding id. This id will be used in the Issuance Service in step 10 copied and pasted to the "ciudad" node.

No params are necessary.

```
"direccion": {
  "calle": "SDF",
  "noExt": "1",
  "noInt": "2",
  "colonia": 7540113109,
  "codPostal": "11000",
  "poblacion": "Ciudad de México",
  "ciudad": 9,
  "pais": "Mexico"
},
```

```
"data": [
  {
    "description": "Aguascalientes",
    "id": 1
  },
  {
    "description": "Baja California",
    "id": 2
  },
  {
    "description": "Baja California Sur",
    "id": 3
  },
  {
    "description": "Campeche",
    "id": 4
  },
  {
    "description": "Chiapas",
    "id": 7
  }
]
```

AFIRME ADDRESS

GET

/v1/third-parties/afirme-address

This service is to be used only when the node Aseguradora equals "Afirmé". It is a complementary service that retrieves a "direcciones" object containing a "municipios" array, containing a municipality that contains neighborhoods with their respective id and name. This id will be used in the Issuance Service in step 10 copied and pasted to the "colonia" node.

The only parameter that is necessary is postalCode, which as its name indicates is any postal code in Mexico.

```
"direcciones": {
  "municipios": [
    {
      "nombreMunicipio": "Miguel Hidalgo",
      "idMunicipio": 311,
      "colonias": [
        {
          "idColonia": 11000174509,
          "nombreColonia": "Lomas de Chapultepec I Sección"
        },
        {
          "idColonia": 11000277409,
          "nombreColonia": "Lomas de Chapultepec VIII Secc"
        }
      ]
    }
  ]
}
```

```
"direccion": {
  "calle": "SDF",
  "noExt": "1",
  "noInt": "2",
  "colonia": 7540113109,
  "codPostal": "11000",
  "poblacion": "Ciudad de México",
  "ciudad": 9,
  "pais": "Mexico"
},
```

QUALITAS ADDRESS

GET

/v1/third-parties/qualitas-address

This service is to be used only when the node Aseguradora equals “Qualitas”. It is a complementary service that retrieves an array of neighborhoods with their respective **id** and **text**. This **text** will be used in the Issuance Service in step 10 copied and pasted to the “colonia” node.

The only parameter that is necessary is postalCode, which as its name indicates is any postal code in Mexico.

```
{
  "id": "1",
  "text": "Lomas de Chapultepec I Sección"
},
{
  "id": "2",
  "text": "Lomas de Chapultepec VIII Sección"
},
{
  "id": "3",
  "text": "Lomas de Chapultepec II Sección"
},
{
```

```
{
  "id": "1",
  "text": "Lomas de Chapultepec I Sección"
},
{
  "id": "2",
  "text": "Lomas de Chapultepec VIII Sección"
},
{
  "id": "3",
  "text": "Lomas de Chapultepec II Sección"
},
{
```

ABA ADDRESS

GET

/v1/third-parties/aba-address

This service is to be used only when the node Aseguradora equals “Aba”. It is a complementary service that retrieves an array of neighborhoods with their respective **id** and **text**. This **text** will be used in the Issuance Service in step 10 copied and pasted to the “colonia” node.

The only parameter that is necessary is postalCode, which as its name indicates is any postal code in Mexico.

```
{
  "id": "1",
  "text": "Ixtlahuaca de Cuauhtémoc"
}
```

```
"direccion": {
  "calle": "av hidalgo",
  "noExt": "25",
  "noInt": "",
  "colonia": "Ixtlahuaca de Cuauhtémoc",
  "codPostal": "55990",
  "poblacion": "Mexico",
  "ciudad": "Temascalapa",
  "pais": "Mexico"
},
```