Manual
API Custody - Issuers

Enero 2026

V 1.1

El manual **BYMA - API Custody Issuers** describe la especificación funcional y técnica de una API que permite a los emisores acceder al listado actualizado de sus tenedores de instrumentos bajo custodia. El documento detalla los métodos disponibles — organizados por clase de activo (*assetClass*) o por identificador CVSA (*cvsaIdentifier*)—, el modelo de autenticación basado en OAuth 2.0, los entornos de homologación y producción, y la estructura unificada de respuestas para facilitar la integración.

Además, incluye ejemplos de uso, definiciones de parámetros y un diccionario de datos que garantizan consistencia, trazabilidad y simplicidad en el análisis de la información.

Este documento pertenece a BYMA - Bolsas y Mercados Argentinos S.A. - Mercado registrado bajo el N° 639 de la CNV.

Con dirección 25 de Mayo 359 - C10024BG - Ciudad Autónoma de Buenos Aires - Argentina - Tel: (54-11) 4316-6000 - BYMA - Argentine Stock Exchanges and Markets - BYMA

Para BYMA la sustentabilidad es una prioridad. Por eso, trabaja para generar impacto económico, social y ambiental positivo en el ecosistema local.

Si bien este manual de usuario está diseñado para impresión, te pedimos evitar la impresión en papel en la mayor medida posible, para contribuir al cuidado del medio ambiente.

Ante cualquier feedback, sugerencia o informe de errores respecto al manual, te pedimos que te comuniques a ux.ui@byma.com.ar para que podamos revisarlo y responder a la brevedad.

Historial de versiones

Fecha	Versión	Descripción	Autor
15/09/2025	1.0.0	Versión inicial API Custody Issuers	BYMA
12/01/2026	1.1.0	Incorporación del nuevos datos en la response de los endpoints de la API.	BYMA

Tabla de contenido

1. Descripción General de la API

Esta API permitirá a los emisores acceder a su listado actualizado de tenedores de instrumentos. Estará compuesta por tres métodos, los cuales compartirán una misma estructura de respuesta (response unificado) para facilitar su integración y consumo. Cada método ofrecerá una vista distinta según el criterio de consulta:

- Por holdings (emisores).
- Por holdings/asset-classes (clase de activo).
- Por holdings/cvsaIdentifier (identificador del instrumento según CVSA).

A pesar de la diferencia en los criterios de entrada, todos los métodos devolverán la misma información estructurada, asegurando coherencia, trazabilidad y simplicidad en el análisis de los datos.

2. Autenticación de la API REST

La autenticación de una API es un proceso fundamental para garantizar que solo los usuarios o sistemas autorizados tengan acceso a los recursos y datos protegidos por la API. Hay varias formas de autenticar una API, y la elección de la técnica de autenticación dependerá de los requisitos de seguridad y de la infraestructura de la aplicación. La API REST se autenticará utilizando la siguiente técnica:

- **OAuth 2.0:** Es un protocolo de autorización ampliamente utilizado para permitir a las aplicaciones acceder a recursos en nombre de los usuarios sin compartir sus credenciales directamente. Los flujos de OAuth 2.0, como el flujo de concesión de código, permiten que las aplicaciones obtengan tokens de acceso para autenticarse ante la API.

3. Consideraciones generales

- Los métodos son **asincrónicos**.
- Los métodos se disponibilizan en formato CSV.

4. Entornos disponibles

Las siguientes URL, apuntan al Portal de Desarrolladores ByMA:

- **Homologación:** https://hs-desarrolladores.byma.com.ar
- **Producción:** https://desarrolladores.byma.com.ar

5. HOLDINGS

El servicio **GET /holdings** entrega al Emisor un reporte CSV con el listado actual de sus tenedores, a una fecha determinada.

5.1 Método HTTP

GET.

5.2 Ejemplo /holdings.csv

En este ejemplo se aplican los parámetros balanceDate e issuerCode, los cuales son obligatorios.

EndPoint:

http://api.byma.com.ar/custody-issuers/v1/holdings.csv/?balanceDate=2025-12-10&issuerCode=BYMA

Headers:

'Authorization: Bearer {{access_token}}'

Request:

```
curl --location 'http://api.com.ar/custody-issuers/v1/holdings.csv/?balanceDate=2025-12-10&issuerCode=BYMA' \

--header 'Authorization: Bearer
eyJraWQiOiIyaXlaXlSQ3hjZzdXb09TSElGZGhnRzV2S3RBUFZmbllZamRhVkR0cE1lU1J
JIiwiYWxnIjoiUlMyNTYifQ.eyJ2ZXIiOjEsImp0aSI6IkFULkl4OTJvckl4HTC1QM2JfVUw
yYkl3YjllbENoTWd3dVJtdnRQR3FhY0xtS0kiLCJpc3MiOiJodHRwczovL3RlY3ZhbC1
zYW5kYm94Lm9rdGFwcmV2aWV3LmNvbS9vYXV0aDIvYXVzYnlppM2s1M1NpU2lO
U2gxZDciLCJhdWQiOiJ2b3J0ZXgtZGVzYSIsImlhdCI6MTc2Nzc5MDMxMCwiZXhwIj
oxNzY3ODc2NzEwLCJjaWQiOiIwYxeml4bzExeTM1V0ZtcTFkNyIsInNjcCI6WyJjd
XN0b2R5aXNzdWVycy5yZWFkIl0sInN1YiI6IjBvYXF6aXhvMTF5MzVXRm1xMWQ3
In0.IbIWXJ-vt82gJjhVbeBgVeWsgC8Si5PXTJP645pA870TLXhwBuwyGOLL-
bNAypW1unKL1xl3KUiMQxRHuz1XX0HK94IAkxWMfK1FCYgWecENiJtf1XPvaQq6
fZz7Cg2RIkrMSZrbAJ1Uj89siSnN3YbWy2rDJhWbxVRTCUPTMoPX2ycF8g3lPuIuD_
```

cgvyMR3LNiNFm8Xcto2uUb_K1c6f5TYsU2HBQt7kCJ-
v6i5hbB_VZRyoKSjtAz2IZ8r9QwcCYogL8wF6Vo2V3ZBs1pL9dfKrCcPXVfD2xpAwY
biLaVkA1jCwykwMa37gyAsF73e6Yc1Uuh8OLPh1XJo3vBHw' \

Response:

```
{

  "message": "Response is not ready call later with uuid >> bfd5ce65-6551-443c-8c80-d9d713675640",

  "code": 409,

  "uuid": "bfd5ce65-6551-443c-8c80-d9d713675640"

}
```

Consulta con el UUID

Como este método es **asincrónico**, se debe tomar el **uuid** que arroja la primera consulta y agregarlo dentro de la **cabecera** (Header) como: **X-UUID**, esto permitirá mostrar el resultado final de la consulta.

Headers:

'Authorization: Bearer {{access_token}}'
X-UUID: e9a43e5b-5f8d-4c96-819e-d5e0b7931bcf

Request:

curl --location 'http://api.com.ar/custody-issuers/v1/holdings.csv/?balanceDate=2025-12-10&issuerCode=BYMA' \

--header 'Authorization: Bearer
eyJraWQiOiIyaXlXb09TElGZGhnRzV2S3RBUFZmbllZamRhVkR0cE1lU1J
JIiwiYWxnIjoiUlMyNTYifQ.eyJ2ZXIiOjEsImp0aSI6IkFULkl4OTJvcklHTC1QM2JfVUw
yYkI3YjlIbENoTWd3dVJtdnRQR3FhY0xtS0kiLCJpc3MiOiJodHRwczovL3RlY3ZhbC1
zYW5kYm94Lm9rdGFwcmV2aWV3LmNvbS9vYXV0aDIvYXVzYnlpM2s1M1NpU2lO

U2gxZDciLCJhdWQiOiJ2b3J0ZXgtZGVzYSIsImlhdCI6MTc2Nzc5MDMxMCwiZXhwIj
oxNzY3ODc2NzEwLCJjaWQiOiIwb2Fxeml4bzExETM1V0ZtcTFkNyIsInNjcCI6WyJjd
XN0b2R5aXNzdWVycy5yZWFkIl0sInN1YiI6IjBvYXF6aXvMTF5MzVXRm1xMWQ3
In0.IbIWXJ-vt82gJjhVbeBgVeWsgC8Si5PXTJP645pA870TLXhwBuwyGOLL-
bNAypW1unKL1xl3KUiMQxRHuz1XX0HK94IAkxWMfK1FCYgWecENiJtf1XPvaQq6
fZz7Cg2RIkrMSZrbAJ1Uj89siSnN3YbWy2rDJhWbxVRTCUPTMoPX2ycF8g3lPuIuD_
cgvyMR3LNiNFm8Xcto2uUb_K1c6f5TYsU2HBQt7kCJ-
v6i5hbB_VZRyoKSjtAz2IZ8r9QwcCYogL8wF6Vo2V3ZBs1pL9dfKrCcPXVfD2xpAwY
biLaVkA1jCwykwMa37gyAsF73e6Yc1Uuh8OLPh1XJo3vBHw' \

--header 'x-uuid: e9a43e5b-5f8d-4c96-819e-d5e0b7931bcf

Response:

registerType;accountGroupingCode;filler1;accountCompositeNumber;investorRole;investorCount;cvsaIdentifier;instrumentDescription;flagRestrictedHolding;holding;filler2;investorType;investorName;investorRegisterIdType;registrationNumber;registrationOrg;investorTaxpayerIdentifier;addressType;address;filler3;countrySubdivision;country;postalCode;issuerCode;countryID;provinceID;nationality

1;1089;0;3000   ;T;01;30038;BOLSAS Y MERCADOS ARG. $ ORD. (BYMA);
;00000000000002500;00;F;GAHCIA FEHNANDEZ INES   ;DU;0000000000;
;27283821493;0;25 DE MAYO 362   ;0;CF;AR;1002
;BYMA;1;1;Argentina

1;6 ;0;28081999 ;T;01;30038;BOLSAS Y MERCADOS ARG. $ ORD. (BYMA);
;00000000000010000;00;F;Ignacio de Almeida   ;DU;0000000000;
;20421032271;0;BALCARCE 2083 SAN ISIDRO   ;0;BA;AR;1640
;BYMA;1;2;Argentina

1;3100;0;201100466;T;01;30038;BOLSAS Y MERCADOS ARG. $ ORD. (BYMA);
;00000000000020000;00;F;Pichimauida Jacinta Clara   ;DU;0000000000;
;20288628379;0;ROMA 2855   ;0;BA;AR;1676 ;BYMA;1;2;Argentina

1;8888;0;306   ;T;01;30038;BOLSAS Y MERCADOS ARG. $ ORD. (BYMA);
;00000000000000250;00;F;PEREZ ANDRES   ;DU;0000000000;
;20145796971;0;25 DE MAYO 362   ;0;CF;AR;1002
;BYMA;1;1;Argentina

5.3 Diccionario de Datos

Columnas	Tipo	Descripción
registerType	varchar2	This field indicates the type of record, used in listings to determine types of records such as 01-header and 02-body.
accountGroupingCode	number	Account grouping code. Example: If the account number is '7006/10000' the accountGroupingCode is 7006.
filler1	varchar2	Auxiliary field.
accountCompositeNumber	varchar2	Account composite number. Example: If the account number is '7006/10000' the accountCompositeNumber is 10000.
investorRole	varchar2	Investor role in the account. Can be primary or co-owner.
investorCount	decimal (13,0)	This field displays the number of investors related to a accountcomposite.
cvsaIdentifier	number	Identifier of a security assigned by the CVSA generating identification scheme for financial instruments. An alphanumeric code of 1 to 5 characters is assigned for securities while for non-standard instruments their own identifier is maintained
instrumentDescription	string	Description of the financial instrument associated with the cvsaIdentifier parameter.
flagRestrictedHolding	number	Flag that indicates when a certain holding has restrictions applied
holding	decimal	Net position of a segregated holding of a single security within the overall position held in the securities account, for example, sub-balance per status.
filler2	varchar2	Auxiliary field.
investorType	varchar2	Investor type (company or individual).
accountName	string	Name of the account. It provides an additional means of identification.
investorName	varchar2	Investors display name.
investorRegisterIdType	varchar2	Type of identification associated with the investor's registration.
registrationNumber	varchar2	Case number of the legal entity's registration.
registrationOrg	varchar2	Place where the legal entity registered.

investorTaxpayerIdentifier	varchar2	Tax Identifier. If the investor is Argentinian and the identifier is CUIT, a numerical value must be entered.
addressType	varchar2	Type of address: 1-Main 3-Office 4-Other.
address	varchar2 (160 c)	Main address line.
filler3	varchar2	Auxiliary field.
countrySubdivision	varchar2	countrySubdivision
country	varchar2	Country.
postalCode	varchar2	Postal code.
issuerCode	varchar2	Identifies the institution issuing a proprietary code.
countryID	number	Numeric country code, according to official reference catalogs provided by the Ministry of Economy.
provinceID	number	Numeric province code, according to official reference catalogs provided by the Ministry of Economy.
nationality	string	Textual description of the nationality associated with the countryId, according to official nomenclatures provided by the Ministry of Economy.

6. HOLDINGS/ASSET-CLASSES

El servicio GET holdings/asset-classes entrega un reporte csv de un listado de tenedores por tipo de instrumentos de un Emisor en el Sistema de Custodia.

6.1 Método HTTP

GET.

6.2. Ejemplo GET/holdings/asset-classes

En este ejemplo se aplican los parámetros issuerCode, balanceDate y assetClassName los cuales son obligatorios.

EndPoint:

```
http://api.byma.com.ar/custody-issuers/v1/holdings/asset-
classes.csv/?assetClassName=BONO&balanceDate=2025-12-10&issuerCode=BYMA
```

Headers:

```
1. 'Authorization: Bearer {{access_token}}'
```

Request:

```
curl --location 'http://api.byma.com.ar/custody-issuers/v1/holdings/asset-
classes.csv/?assetClassName=BONO&balanceDate=2025-12-10&issuerCode=BYMA' \

--header 'Authorization: Bearer
eyJraWQiOiIyaXlSQ3hjZzdXb09TSElGZGhnRzV2S3RBUFZmbllZamRhVkR0cE1lU1JJIiwiYWxnIjoiUlMyNTYifQ.eyJ2Z
XIiOjEsImp0aSI6IkFULkRqQT1d0TzdMZkxyc19ENWhoTEtnZDZBbm5zSVZoMFJLS3NYYlBiaHlIRUkiLCJpc3MiOiJodHRwc
zovL3RlY3ZhC1zYW5kYm94Lm9rdGGFwcmV2aWV3LmNvbS9vYXV0aDIvYXVzYlnlpM2s1M1NpU2lOU2gxZDciLCJhdWQiOiJ2b
3J0ZXgtZGGVzYSIsImlhdCI6MTc2NjUxNDM5MSwiZXhwIjoxNzY2NjAwNzkxLCJjaWQiOiIwb2Fxeml4bzExeTM1V0ZtcTFkN
yIsInNjcCI6WyJjdXN0b2R5aXNzdWVycy5yZWFkIl0sInN1YiI6IjBvYXF6aXhvMTF5MzVXRm1xMWQ3In0.h4MERlx5IQGFs
5HxZEJm1ZF1RHWhCd3rSR1yD3jx99FQEaRhTocceCvhGAumATWkFueVTq14CXeJFZyEGqBMHWkia6gxCew6mCMguc-
sNuWwQpe_cyNe6AR9d3tQ7PpJKmIheklgIkVdiF5vgOJpbpUJtfTxOTgtJnl-
TYVwdERTK7KJLmG1VIaHjX2WZULP4Tx9e4c38QK5fugjNtqo7yGzxXhdaQwuG3q2yH4RNU2PXEg30KeaUSbmqTFSZay_60fp
EF2iv9TFF3mab7T3apXZCJv32KHa4h8jZr5eNJCRdzGz6Bijv55kIP_4GYGmjwLFRiI9UC_l4koagH9Iww'
```

Response:

```json
{

    "message": "Response is not ready call later with uuid >> bfd5ce65-6551-443c-8c80-
d9d713675640",

    "code": 409,

    "uuid": "bfd5ce65-6551-443c-8c80-d9d713675640"

}
```

Consulta con el UUID:

Como este método es **asincrónico**, se debe tomar el **uuid** que arroja la primera consulta y agregarlo dentro de la **cabecera** (Header) como: **X-UUID**, esto permitirá mostrar el resultado final de la consulta.

Headers:

```
'Authorization: Bearer {{access_token}}'

X-UUID: bfd5ce65-6551-443c-8c80-d9d713675640
```

Request:

```
curl --location 'http://api.dev.vortex.byma.com.ar/custody-issuers/v1/holdings/asset-
classes.csv/?AssetClassName=CVSA_BONO&BalanceDate=2025-12-10&IssuerCode=ARGE' \

--header 'Authorization: Bearer
eyJraWQiOiIyaXlSQ3hjZzdXb09TSElGZGhnRzV2S3RBUFZmbllZamRhVkR0cE1lU1JJIiwiYWxnIjoiUlMyNTYifQ.eyJ2Z
XIiOjEsImp0aSI6IkFULkRqQT1d0TzdMZkxyc19ENWhoTEtnZDZBbm5zSVZoMFJLS3NYYlBiaHlIRUkiLCJpc3MiOiJodHRwc
zovL3RlY3ZhC1zYW5kYm94Lm9rdGGFwcmV2aWV3LmNvbS9vYXV0aDIvYXVzYlnlpM2s1M1NpU2lOU2gxZDciLCJhdWQiOiJ2b
3J0ZXgtZGGVzYSIsImlhdCI6MTc2NjUxNDM5MSwiZXhwIjoxNzY2NjAwNzkxLCJjaWQiOiIwb2Fxeml4bzExeTM1V0ZtcTFkN
```

```
yIsInNjcCI6WyJjdXN0b2R5aXNzdWVycy5yZWFkIl0sInN1YiI6IjBvYXF6aXhvMTF5MzVXRm1xMWQ3In0.h4MERlx5IQGFs
5HxZEJm1ZF1RHWhCd3rSR1yD3jx99FQEaRhTocceCvhGAumATWkFueVTq14CXeJFZyEGqBMHWkia6gxCew6mCMguc-
sNuWwQpe_cyNe6AR9d3tQ7PpJKmIheklgIkVdiF5vgOJpbpUJtfTxOTgtJnl-
TYVwdERTK7KJLmG1VIaHjX2WZULP4Tx9e4c38QK5fugjNtqo7yGzxXhdaQwuG3q2yH4RNU2PXEg30KeaUSbmqTFSZay_60fp
EF2iv9TFF3mab7T3apXZCJv32KHa4h8jZr5eNJCRdzGz6Bijv55kIP_4GYGmjwLFRiI9UC_l4koagH9Iww
```

```
--header 'x-uuid: bfd5ce65-6551-443c-8c80-d9d713675640'
```

Response:

```
registerType;accountGroupingCode;filler1;accountCompositeNumber;investorRole;investorCount;cvsaI
dentifier;instrumentDescription;flagRestrictedHolding;holding;filler2;investorType;investorName;
investorRegisterIdType;registrationNumber;registrationOrg;investorTaxpayerIdentifier;addressType
;address;filler3;countrySubdivision;country;postalCode;issuerCode;countryID;provinceID;nationali
ty

1;5800;0;621103241;T;01;9153 ;BONO CONSOLIDACION $ SR 10 V02/05/29;
;000000000000020000;00;F;ADOLFO JOSE CARTUCCIA SSUCESION OF3;DU;0000000000;
;20054917946;0;PERÚ 2456  CIUDAD AUTONOMA DE BUENOS AIRES     ;0;CF;AR;1419  ;BYMA;1;1;Argentina

1;7006;0;10000    ;T;01;81086;BONOS REP. ARG. U$S STEP UP V.09/07/30;B
;000000000000010002;00;J;ALLARIA LEDESMA Y CIA SA            ;IJ;0000000000;
;30680790805;0;25 DE MAYO 359 PISO 12                      ;0;CF;AR;1002  ;BYMA;1;1;Argentina
```

6.3 Diccionario de Datos

Columnas	Tipo de dato	Descripción
registerType	varchar2	This field indicates the type of record, used in listings to determine types of records such as 01-header and 02-body.
accountGroupingCode	number	Account grouping code. Example: If the account number is '7006/10000' the accountGroupingCode is 7006.
filler1	varchar2	Auxiliary field.
accountCompositeNumber	varchar2	Account composite number. Example: If the account number is '7006/10000' the accountCompositeNumber is 10000.
investorRole	varchar2	Investor role in the account. Can be primary or co-owner.
investorCount	decimal (13,0)	This field displays the number of investors related to a accountcomposite.
cvsaIdentifier	number	Identifier of a security assigned by the CVSA generating identification scheme for financial instruments. An alphanumeric code of 1 to 5 characters is assigned for securities while for non-standard instruments their own identifier is maintained

instrumentDescription	string	Description of the financial instrument associated with the cvsaIdentifier parameter.
flagRestrictedHolding	number	Flag that indicates when a certain holding has restrictions applied
holding	decimal	Net position of a segregated holding of a single security within the overall position held in the securities account, for example, sub-balance per status.
filler2	varchar2	Auxiliary field.
investorType	varchar2	Investor type (company or individual).
accountName	string	Name of the account. It provides an additional means of identification.
investorName	varchar2	Investors display name.
investorRegisterIdType	varchar2	Type of identification associated with the investor's registration.
registrationNumber	varchar2	Case number of the legal entity's registration.
registrationOrg	varchar2	Place where the legal entity registered.
investorTaxpayerIdentifier	varchar2	Tax Identifier. If the investor is Argentinian and the identifier is CUIT, a numerical value must be entered.
addressType	varchar2	Type of address: 1-Main 3-Office 4-Other.
address	varchar2 (160 c)	Main address line.
filler3	varchar2	Auxiliary field.
countrySubdivision	varchar2	countrySubdivision
country	varchar2	Country.
postalCode	varchar2	Postal code.
issuerCode	varchar2	Identifies the institution issuing a proprietary code.
countryID	number	Numeric country code, according to official reference catalogs provided by the Ministry of Economy.
provinceID	number	Numeric province code, according to official reference catalogs provided by the Ministry of Economy.
nationality	string	Textual description of the nationality associated with the countryId, according to official nomenclatures provided by the Ministry of Economy.

7. HOLDINGS/CVSA-IDENTIFIER

El servicio GET /holdings/cvsa-identifier entrega un reporte csv de un listado de tenedores por código de instrumentos de un Emisor en el sistema de custodia.

7.1 Método HTTP

GET.

7.2 Ejemplo GET/holdings/cvsa-identifier

En este ejemplo se aplican los parámetros issuerCode, balanceDate y cvsaIdentifier los cuales son obligatorios.

EndPoint:

```
http://api.byma.com.ar/custody-issuers/v1/holdings/cvsa-identifier.csv/?balanceDate=2025-11-10&cvsaIdentifier=30028&issuerCode=BYMA
```

Headers:

```
'Authorization: Bearer {{access_token}}'
```

Request:

```
curl --location 'http://api.byma.com.ar/custody-issuers/v1/holdings/cvsa-identifier.csv/?BblanceDate=2025-11-10&cvsaIdentifier=30028&issuerCode=BYMA' \

--header 'Authorization: Bearer
eyJraWQiOiIyaXlSQ3hjZzdXb09TSElGZGhnRzV2S3RBUFZmbllZamRhVkR0cE1lU1JJIiwiYWxnIjoiUlMyNTYifQ.eyJ2ZXIiOjEsImp0aSI6IkFULkRqT1d0TzdMZkxyc19ENWhoTEtnZDZBbm5zSVZoMFJLS3NYYlBiaAlIRUkiLCJpc3MiOiJodHRwczovL3RlY3ZhbC1zYW5kYm94Lm9rdGFwcmV2aWV3LmNvbS9vYXV0aDIvYXVzYnlnpM2s1M1NpU2lOU2gxZDciLCJhdWQiOiJ2b3J0ZXgtdGVzYSIsImlhdCI6MTc2NjUxNDM5MSwiZXhwIjoxNzY2NjAwNzkxLCJjaWQiOiIwb2Exeml4bzExNV0ZtcTFkNyIsInNjcCI6WyJjdXN0b2R5LXNzdWVycy5yZWFkIl0sInN1YiI6IjBvYXF6aXhvMTF5MzVVRm1xMWQ3In0.h4MERlx5IQGFs5HxZEJm1ZF1RHWhCd3rSR1yD3jx99FQEaRhTocceCvhGAumATWkFueVTq14CXeJFZyEGqBMHWkia6gxCew6mCMguc-sNuWwQpe_cyNe6AR9d3tQ7PpJKmIheklgIkVdiF5vgOJpbpUJtfTxOTgtJnl-TYVwdERTK7KJLmG1VIaHjX2WZULP4Tx9e4c38QK5fugjNtqo7yGzxXhdaQwuG3q2yH4RNU2PXEg30KeaUSbmqTFSZay_60fpEF2iv9TFF3mab7T3apXZCJv32KHa4h8jZr5eNJCRdzGz6Bijv55kIP_4GYGmjwLFRiI9UC_l4koagH9Iww'
```

Response:

```
{

    "message": "Response is not ready call later with uuid >> bfd5ce65-6551-443c-8c80-d9d713675640",

    "code": 409,

    "uuid": "47f87e1e-0ced-4ba5-afc2-18900a6d3236"

}
```

Consulta con el UUID:

Como este método es **asincrónico**, se debe tomar el **uuid** que arroja la primera consulta y agregarlo dentro de la **cabecera** (Header) como: **X-UUID**, esto permitirá mostrar el resultado final de la consulta.

Headers:

```
'Authorization: Bearer {{access_token}}'

X-UUID: 47f87e1e-0ced-4ba5-afc2-18900a6d3236
```

Request:

```
curl --location 'http://api.dev.vortex.byma.com.ar/custody-issuers/v1/holdings/cvsa-
identifier.csv/?BalanceDate=2025-11-10&IssuerCode=BYMA&CvsaIdentifier=30028' \

--header 'Authorization: Bearer
eyJraWQiOiIyaXlQ3hjZzdXb09TSElGZGhnRzV2S3RBUFZmbllZamRhVkR0cE1lU1JJIiwiYWxnIjoiUlMyNTYifQ.eyJ2Z
XIiOjEsImp0aSI6IkFULkRqT1d0TzdMZkxyc19ENWhoTEtnZDZBbm5zSVZooMFJLS3NYYlBiaHlIRUkiLCJpc3MiOiJodHRwc
zovL3RlY3ZhbC1zYW5kYm94Lm9rdGFwcmV2aWV3LmNvbS9vYXV0aDIvYXVzNnlppM2s1M1NpU2lOU2gxZDciLCJhdWQiOiJ2b
3J0ZXgttZGVzYSIsImlhdCI6MTc2NjUxNDM5MSwiZXhwIjoxNzY2NjAwNzkxLCJjaWQiOiIwb2Fxeml4bzExbzExTM1V0ZtcTFkN
yIsInNjcCI6WyJjdXN0b2R5aXNzdWVycy5yZWFkIl0sInN1YiI6IjBvYXF6aXhvMTF5MzVXRm1xMWQ3In0.h4MERlx5IQGFs
5HxZEJm1ZF1RHWhCd3rSR1yD3jx99FQEaRhTocceCvhGAumATWkFueVTq14CXeJFZyEGqBMHWkia6gxCew6mCMguc-
sNuWwQpe_cyNe6AR9d3tQ7PpJKmIheklgIkVdiF5vgOJpbpUJtfTxOTgtJnl-
TYVwdERTK7KJLmG1VIaHjX2WZULP4Tx9e4c38QK5fugjNtqo7yGzxXhdaQwuG3q2yH4RNU2PXEg30KeaUSbmqTFSZay_60fp
EF2iv9TFF3mab7T3apXZCJv32KHa4h8jZr5eNJCRdzGz6Bijv55kIP_4GYGmjwLFRiI9UC_l4koagH9Iww' \

--header 'x-uuid: 47f87e1e-0ced-4ba5-afc2-18900a6d3236'
```

Response:

```
registerType;accountGroupingCode;filler1;accountCompositeNumber;investorRole;investorCount;cvsaI
dentifier;instrumentDescription;flagRestrictedHolding;holding;filler2;investorType;investorName;
investorRegisterIdType;registrationNumber;registrationOrg;investorTaxpayerIdentifier;addressType
;address;filler3;countrySubdivision;country;postalCode;issuerCode;countryID;provinceID;nationali
ty

1;5800;0;621103241;T;01;9153 ;BONO CONSOLIDACION $ SR 10 V02/05/29;
;000000000000020000;00;F;ADOLFO JOSE CARTUCCIA SSUCESION OF3;DU;0000000000;
;20054917946;0;PERÚ 2456  CIUDAD AUTONOMA DE BUENOS AIRES      ;0;CF;AR;1419  ;ARGE;1;1;Argentina

1;8888;0;220000000;T;01;9153 ;BONO CONSOLIDACION $ SR 10 V02/05/29;
;000000000000023270;00;J;BANCO DE LA NACION ARGENTIN        ;DJ;0000000000;
;30500010912;0;BARTOLOME MITRE 326 CAPITAL FEDERAL  BARTOLOME;0;CF;AR;1036  ;ARGE;1;1;Argentina
```

```
1;8888;0;210000007;T;01;9153 ;BONO CONSOLIDACION $ SR 10 V02/05/29;
;000000000000011635;00;J;BANCO DE LA NACION ARGENTIN      ;DJ;0000000000;
;30500010912;0;BARTOLOME MITRE 326 CAPITAL FEDERAL  BARTOLOME;0;CF;AR;1036  ;ARGE;1;1;Argentina
```

7.3 Diccionario de Datos

Columnas	Tipo de dato	Descripción
registerType	varchar2	This field indicates the type of record, used in listings to determine types of records such as 01-header and 02-body.
accountGroupingCode	number	Account grouping code. Example: If the account number is '7006/10000' the accountGroupingCode is 7006.
filler1	varchar2	Auxiliary field.
accountCompositeNumber	varchar2	Account composite number. Example: If the account number is '7006/10000' the accountCompositeNumber is 10000.
investorRole	varchar2	Investor role in the account. Can be primary or co-owner.
investorCount	decimal (13,0)	This field displays the number of investors related to a accountcomposite.
cvsaIdentifier	number	Identifier of a security assigned by the CVSA generating identification scheme for financial instruments. An alphanumeric code of 1 to 5 characters is assigned for securities while for non-standard instruments their own identifier is maintained
instrumentDescription	string	Description of the financial instrument associated with the cvsaIdentifier parameter.
flagRestrictedHolding	number	Flag that indicates when a certain holding has restrictions applied
holding	decimal	Net position of a segregated holding of a single security within the overall position held in the securities account, for example, sub-balance per status.
filler2	varchar2	Auxiliary field.
investorType	varchar2	Investor type (company or individual).
accountName	string	Name of the account. It provides an additional means of identification.
investorName	varchar2	Investors display name.
investorRegisterIdType	varchar2	Type of identification associated with the investor's registration.

registrationNumber	varchar2	Case number of the legal entity's registration.
registrationOrg	varchar2	Place where the legal entity registered.
investorTaxpayerIdentifier	varchar2	Tax Identifier. If the investor is Argentinian and the identifier is CUIT, a numerical value must be entered.
addressType	varchar2	Type of address: 1-Main 3-Office 4-Other.
address	varchar2 (160 c)	Main address line.
filler3	varchar2	Auxiliary field.
countrySubdivision	varchar2	countrySubdivision
country	varchar2	Country.
postalCode	varchar2	Postal code.
issuerCode	varchar2	Identifies the institution issuing a proprietary code.
countryID	number	Numeric country code, according to official reference catalogs provided by the Ministry of Economy.
provinceID	number	Numeric province code, according to official reference catalogs provided by the Ministry of Economy.
nationality	string	Textual description of the nationality associated with the countryId, according to official nomenclatures provided by the Ministry of Economy.