



DSOP Kontrollinformasjon

Input parameters

Version 1.0

10.09.2020





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CHANGE LOG

| Ver. | Date | Change | Resp. |
|------|------------|----------------------------------------------------|-------|
| 1.0 | 10.09.2020 | Approved by the Control project Steering Committee | JLO |

Note: If the changes are only linguistic (correct typos, make the message clearer, etc.), the change will not be marked with a new version number. The change log above will include all such changes and the "source" of the document has a Track Changes on (contains all changes) so that when asked about changes, the word file can be sent.

REFERENCES

| Ref. | Document | Link |
|---------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [FUNC_SPEC] | Functional specification | https://bitsnorge.github.io/dsop-documentation/dsop_kontroll_functionalspesification.html |
| [E-OPPSLAG] | Specification of eOppslag | https://bitsnorge.github.io/dsop-documentation/dsop_kontroll_spesification_of_eoppslag.html#logging |
| [ACCOUNT-API] | Account API specification | https://bitsnorge.github.io/dsop-accounts-api-v1p1/ |



1. Summary

This document describes the input parameters used by consumers to request data from the Control APIs.

1.1. Data request process

The process for obtaining account information is described in the document «Functional specification» in the projects Git repository.

1.2. Support

If there are questions regarding this document or the process, please contact: dsop@bits.no.

2. How to use this document

The main operations that the consumers carry out towards the producers are listed below:

- List of accounts for the party or account information for a given account no (AccountList)
- Retrieve account details with balance (AccountDetails)
- Transactions history for account (Transactions)
- Cards linked to account (Cards)
- Roles for account (Roles)

Many input parameters in the solution are used in several of the main operations above. This document should therefore be used as a reference work:

- Which parameters are included
- What the parameters mean
- Valid values - where relevant
- Required from all (Required/Optional/Required conditional¹)

Other relevant documents:

- Functional: if you want to read more about actual use scenarios (where the data elements are included) - then reference is made to the document [FUNC_SPEC].
- Technical: description in an “OpenAPI Specification” format (.yaml) is available on DSOP's pages (see [ACCOUNT-API]). This document will hereinafter be called the API specification, and in addition to describing the response from the producers - it also describes the input parameter content in the requests from the consumers.

3. Format

The URI request should be formatted as a Get request. With URI reference to the API version, what API is requested and account number. This is returned from the initial step in the process, as described in the Functional Description.

```
GET https://url.to.service.no/version/api/accountReference?fromDate=date&toDate=date -H "accept: application/json" -H "CorrelationID: uniqueid" -H "Legal-Mandate: mandate" -H "PartyID: idnumber" -H "AccountInfoRequestID: reference" -H "AdditionalReferenceID: reference" -H "AdditionalReferenceIDType: type"
```

¹ *Required conditional* means input parameters must be sent if a condition is valid.



4. Input parameters

Following is the description of each input parameter with when and how to use them.

4.1. List of accounts - *accounts*

| Parameter | Definition | Type | Required | Comment |
|-----------------------------------------|-----------------------------------------------------------------------------------|--------|-----------------------------|--------------------------------------------------------------------------------------|
| AccountInfoRequestID (Header) | Consumers case reference id/number | string | required | Format is guid |
| CorrelationID (Header) | Unique identifier for the technical request | string | required | Format is guid |
| Legal-Mandate (Header) | Legal basis the producer should validate | string | required | Formatted encoded text. See table |
| PartyID (Header) | Parts identifier, personal identification number, d-number or organization number | string | required conditional | Condition: if <i>AccountID</i> is empty, <i>PartyID</i> is required. |
| AccountID (Header) | Account number | string | required conditional | Condition: if <i>PartyID</i> ID is empty, <i>AccountID</i> is required. ² |
| AdditionalReferenceID (Header) | Reference ID to identify request or requester at consumer. | string | optional | Required for some legal mandates. |
| AdditionalReferenceIDType (Header) | What type of reference to expect in AdditionalReferenceID | enum | optional | pol/nam/vml |
| fromDate (Query) | From date, current date if not stated | string | optional | Format: yyyy-mm-dd |
| toDate (Query) | To date, current date if not stated | string | optional | Format: yyyy-mm-dd |

4.2. Account details - *accounts/{accountReference}*

| Parameter | Definition | Type | Required | Comment |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------|-----------------|-----------------------------------|
| accountReference (Path) | A unique reference to the account, but should not be the account number and not simply decoded to an account number | string | required | unique reference per account |
| AccountInfoRequestID (Header) | Consumers case reference id/number | string | required | Format is guid |
| CorrelationID (Header) | Unique identifier for the technical request | string | required | Format is guid |
| Legal-Mandate (Header) | Legal basis the producer should validate | string | required | Formatted encoded text. See table |
| AdditionalReferenceID (Header) | Reference ID to identify request or requester at consumer. | string | optional | Required for some legal mandates. |
| AdditionalReferenceIDType (Header) | What type of reference to expect in AdditionalReferenceID | enum | optional | pol/nam/vml |
| fromDate (Query) | From date, current date if not stated | string | optional | Format: yyyy-mm-dd |
| toDate (Query) | To date, current date if not stated | string | optional | Format: yyyy-mm-dd |

² If PartyID and AccountID are both filled, then AccountID must be ignored.



4.3. Transactions - accounts/{accountReference}/transactions

| Parameter | Definition | Type | Required | Comment |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------|-----------------|-----------------------------------|
| accountReference (Path) | A unique reference to the account, but should not be the account number and not simply decoded to an account number | string | required | unique reference per account |
| AccountInfoRequestID (Header) | Consumers case reference id/number | string | required | Format is guid |
| CorrelationID (Header) | Unique identifier for the technical request | string | required | Format is guid |
| Legal-Mandate (Header) | Legal basis the producer should validate | string | required | Formatted encoded text. See table |
| AdditionalReferenceID (Header) | Reference ID to identify request or requester at consumer. | string | optional | Required for some legal mandates. |
| AdditionalReferenceIDType (Header) | What type of reference to expect in AdditionalReferenceID | enum | optional | pol/nam/vml |
| fromDate (Query) | From date, current date if not stated | string | optional | Format: yyyy-mm-dd |
| toDate (Query) | To date, current date if not stated | string | optional | Format: yyyy-mm-dd |

4.4. Cards - accounts/{accountReference}/cards

| Parameter | Definition | Type | Required | Comment |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------|-----------------|-----------------------------------|
| accountReference (Path) | A unique reference to the account, but should not be the account number and not simply decoded to an account number | string | required | unique reference per account |
| AccountInfoRequestID (Header) | Consumers case reference id/number | string | required | Format is guid |
| CorrelationID (Header) | Unique identifier for the technical request | string | required | Format is guid |
| Legal-Mandate (Header) | Legal basis the producer should validate | string | required | Formatted encoded text. See table |
| AdditionalReferenceID (Header) | Reference ID to identify request or requester at consumer. | string | optional | Required for some legal mandates. |
| AdditionalReferenceIDType (Header) | What type of reference to expect in AdditionalReferenceID | enum | optional | pol/nam/vml |
| fromDate (Query) | From date, current date if not stated | string | optional | Format: yyyy-mm-dd |
| toDate (Query) | To date, current date if not stated | string | optional | Format: yyyy-mm-dd |

4.5. Roles - accounts/{accountReference}/roles

| Parameter | Definition | Type | Required | Comment |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------|-----------------|-----------------------------------|
| accountReference (Path) | A unique reference to the account, but should not be the account number and not simply decoded to an account number | string | required | unique reference per account |
| AccountInfoRequestID (Header) | Consumers case reference id/number | string | required | Format is guid |
| CorrelationID (Header) | Unique identifier for the technical request | string | required | Format is guid |
| Legal-Mandate (Header) | Legal basis the producer should validate | string | required | Formatted encoded text. See table |
| AdditionalReferenceID (Header) | Reference ID to identify request or requester at consumer. | string | optional | Required for some legal mandates. |
| AdditionalReferenceIDType (Header) | What type of reference to expect in AdditionalReferenceID | enum | optional | pol/nam/vml |
| fromDate (Query) | From date, current date if not stated | string | optional | Format: yyyy-mm-dd |
| toDate (Query) | To date, current date if not stated | string | optional | Format: yyyy-mm-dd |



5. Parameter description

5.1. AccountInfoRequestID

See [E-OPPSLAG]

It is sometimes necessary for the providers to identify the actual case that is being investigated and contact the producer thereafter. The *AccountInfoRequestID* parameter is available to hold the actual case number or identifying code and will follow each request between consumer and producer.

Example AccountInfoRequestID: 648cc31a-d8f0-4830-80ae-7651a9dd1b16

5.2. CorrelationID

See [E-OPPSLAG]

In order to simplify troubleshooting for error situations, the service should support the logging of a common “correlation ID”. The consumers of the APIs have the responsibility of creating a unique identifier (GUID or similar) that follows the request end-to-end and is logged along the way.

Example correlationID: 14fbc062-aacb-4449-93c1-85c352d387a4

5.3. Legal-Mandate

Consumer must have a legal mandate to source and acquire the account information. The mandate in use must follow the request and be verified by the producer(s). This parameter must be encoded. The current mandates are:

| Public Agencies | Status | Legal Mandate | Code (for future use)* |
|-------------------------|----------|---------------------------------------------------------------------|------------------------|
| Skatteetaten | Existing | Skatteforvaltningsloven § 10-2 | SKTFVL.1.1 |
| Skatteetaten | Existing | Kompensasjonsordningen for næringslivet § 8 jf. forskriften §4-2(3) | KOMP.1.1 |
| NAV | Existing | Folketrygdloven § 21-4 første ledd | FTRL.1.1 |
| Politiet (EFE) | Existing | Hvitvaskingsloven § 26 | HVVL.1.1 |
| Politiet | Existing | Straffeprosessloven § 210 første ledd | STRPL.1.1 |
| Politiet | Existing | Straffeprosessloven § 210 tredje ledd | STRPL.2.1 |
| Bostyrer (Brreg) | Existing | kkf. §156 (3) og (4), jf. kkfor. §21 | KKL.1.1 |
| Politiet (Namsmannen) | To come* | Tvangsfullbyrdelsesloven §7-12 | TVANGL.1.1 |
| Fylkesmannen (Kontroll) | To come* | Vml. § 54 (2) jf. (1) | VGML.1.1 |
| Fylkesmannen (Regnskap) | To come* | Vml. §§ 54 og 53, jf. vmf. § 20 | VGML.2.1 |

*For future use, currently not in production



5.4. PartyID

This field identifies the person or organization that is being audited. Represented by the unique identifying number given to all citizens and registered organizations in Norway. The field can contain personal identification number, d-number or organization number. The parameter is “required conditional”. if *AccountID* is empty, *PartyID* is required.

5.5. AccountID

This field identify the actual account that information is being requested for. Standard account numbering is used. The parameter is “required conditional”. if *PartyID* is empty, *AccountID* is required. If *PartyID* and *AccountID* are both filled, then *AccountID* must be ignored.

5.6. AccountReference

This is for anonymization of an account number. Required for all requests after the initial Account listing. A unique reference to the account number.

5.7. AdditionalReferenceIDType

To improve traceability and logging, there is a requirement for certain consumers to provide information regarding the origin of the request. By providing a reference type, the process of identifying the expected data in *AdditionalReferenceID* is enabled.

The current *AdditionalReferenceIDTypes* are:

| Consumers | Status | Legal Mandate | AdditionalReferenceIDType |
|-------------------------|-----------|---------------------------------------|---------------------------|
| Politiet | Required | Straffeprosessloven § 210 første ledd | pol |
| Politiet | Required | Straffeprosessloven § 210 tredje ledd | pol |
| Politiet (Namsmannen) | Required* | Tvangsfullbyrdelsesloven §7-12 | nam |
| Fylkesmannen (Kontroll) | Required* | Vml. § 54 (2) jf. (1) | vml |
| Fylkesmannen (Regnskap) | Required* | Vml. §§ 54 og 53, jf. vmf. § 20 | vml |

*For future use, currently not in production

5.8. AdditionalReferenceID

The *AdditionalReferenceID* is required for some of the consumers where their legal mandate is not adequate or to provide contact information for the producers in the event of questions or other issues. See [E-OPPSLAG].

The format for required consumers:

- Politiet – It is required to provide the actual police district having the case with full name of the legal responsible requestor, separated by semicolon (i.e. district;firstname lastname).

Example:

```
curl -X GET "https://hostname.no/v1/accounts/234234234?fromDate=2020-01-01&toDate=2020-06-01" -H
"accept: application/json" -H "AccountInfoRequestID: 648cc31a-d8f0-4830-80ae-7651a9dd1b16" -H
"CorrelationID: 14fbc062-aacb-4449-93c1-85c352d387a4" -H "Legal-Mandate:
Straffeprosessloven%20%C2%A7%20210%20f%C3%B8rste%20ledd" -H "AdditionalReferenceID:Innlandet
politidistrikt;Jan-Petter Olsen" -H "AdditionalReferenceIDType:pol"
```



- Politiet (Namsmannen) – It is required to provide the actual police district having the case (i.e. district).

Example:

```
curl -X GET "https://hostname.no/v1/accounts/234234234?fromDate=2020-01-01&toDate=2020-06-01" -H "accept: application/json" -H "AccountInfoRequestID: 648cc31a-d8f0-4830-80ae-7651a9dd1b16" -H "CorrelationID: 14fbc062-aacb-4449-93c1-85c352d387a4" -H "Legal-Mandate: Tvangsfullbyrdelsesloven%20%C2%A77-12" -H "AdditionalReferenceID:Norland politidistrikt" -H "AdditionalReferenceIDType:nam"
```

- Sivilrettsforvaltning – It is required to provide the personal identifier number for the requestor. (i.e. 11017512421).

Example:

```
GET "https://hostname.no/v1/accounts/234234234?fromDate=2020-01-01&toDate=2020-06-01" -H "accept: application/json" -H "AccountInfoRequestID: 648cc31a-d8f0-4830-80ae-7651a9dd1b16" -H "CorrelationID: 14fbc062-aacb-4449-93c1-85c352d387a4" -H "Legal-Mandate: Vml.%20%C2%A7%2054%20%282%29%20jf.%20%281%29" -H "AdditionalReferenceID:11017512421" -H "AdditionalReferenceIDType:vml"
```

- Other consumers – No requirement for AdditionalReferenceID and additionalReferenceIDtype.

Example:

```
GET "https://hostname.no/v1/accounts/234234234?fromDate=2020-01-01&toDate=2020-06-01" -H "accept: application/json" -H "AccountInfoRequestID: 648cc31a-d8f0-4830-80ae-7651a9dd1b16" -H "CorrelationID: 14fbc062-aacb-4449-93c1-85c352d387a4" -H "Legal-Mandate: Folketrygdloven%20%C2%A7%2021-4%20f%C3%B8rste%20ledd"
```

5.9. fromDate

The first date from when account information is optional. This is in ISO format yyyy-mm-dd (i.e. 2020-02-22).

If no value has been specified, the current date will be used for *fromDate*.

5.10. toDate

The last date of the date span for when account information is optional. This is in ISO format yyyy-mm-dd (i.e. 2020-02-22).

If no value has been specified, the current date will be used for *toDate*.