



This document provides a comprehensive overview of all textual updates made to the DSOP Control information common standard data model specification. The changes presented here are limited exclusively to clarifications and refinements of data field descriptions. Their purpose is to ensure consistent interpretation of the specification across all data providers and consumers, and to eliminate ambiguity in how individual elements are understood and implemented.

No functional modifications have been introduced to the API itself. All data structures, endpoints, and delivery mechanisms remain unchanged. The adjustments documented in this change log relate solely to documentation improvements and do not impact the behaviour, output, or technical operation of the DSOP Kontroll API.

Each section of this document corresponds to an endpoint where clarifications have been made, and the updated descriptions will be published on dokumentasjon.dsop.no under the relevant API endpoints.

Data point	New description	Original description
responseDetails	<p>*Deliver*</p> <p>Status that informs the data consumer of the degree of completeness of the response from the data provider.</p>	<p>*Deliver*</p>
responseDetails.status	<p>*Deliver*</p> <p>Indicates whether the data delivery is a complete answer, or whether there is data offline the data provider is aware of that cannot be retrieved through the API.</p> <p>* partial: If there is any data the data provider is aware of in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data the data provider is aware of that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p>	<p>*Deliver*</p> <p>Indicates whether this is a complete answer, or whether there is data offline that cannot be retrieved through the API.</p> <p>* partial: If there is any data in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p> <p> [partial, complete] </p>
responseDetails.message	<p>*Deliver*</p> <p>In case of responseDetails.status = partial, responseDetails.message must be used and will indicate the reason why not all data has been delivered through the API in order to inform the data consumers about the situation and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - Messages in relation with partial.pdf.</p>	<p>*Deliver*</p> <p>In case of responseDetails.status partial, responseDetails.message indicates the reason why not all data has been delivered through the API in order to inform the data consumers about the situation, and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - 2024-03-06 - Messages in relation with partial.pdf.</p>
accounts	<p>*Deliver*</p> <p>Overview of all accounts/agreements a party either owns or disposes of during the requested time period.</p>	<p>*Deliver*</p>
accounts.status	<p>*Deliver*</p> <p>Indicates the current status of an account/agreement on the request date</p> <p>* enabled: Any status of the account where a party can currently use the balance.</p> <p>* disabled: Any status of an account where no party can use the account, either temporarily or permanently. The account balance and properties are still available for viewing and listing. Accounts blocked due to bankruptcy shall return the value *disabled*.</p> <p>* deleted: Any status of an account where the account, balance and properties are no longer available at all.</p> <p> [enabled, disabled, deleted] </p>	<p>*Deliver*</p> <p>Indicates the current status of an account</p> <p>* enabled: Any status of the account where a party can use the balance.</p> <p>* disabled: Any status of an account where no party can use the account, either temporarily or permanently. The account balance and properties are still available for viewing and listing. Accounts blocked due to bankruptcy shall return the value *disabled*.</p> <p>* deleted: Any status of an account where the account, balance and properties are no longer available at all.</p> <p> [enabled, disabled, deleted] </p>
accounts.servicer	<p>*Deliver*</p> <p>Financial institution that is servicing the account/agreement.</p>	<p>*Deliver*</p> <p>Financial institution.</p>
accounts.servicer.identifier	<p>*Mandatory conditional*</p>	<p>*Mandatory conditional*</p>
accounts.servicer.identifier.countryOfResidence	<p>*Deliver*CountryCode. The country the financial institution belongs to. From ISO 3166-1/Alpha-2 code.</p>	<p>*Deliver*</p> <p>CountryCode. The country the financial institution belongs to. From ISO 3166-1/Alpha-2 code.</p>
accounts.servicer.identifier.value	<p>*Mandatory conditional*</p> <p>Organization number of the financial institution servicing the account.</p>	<p>*Mandatory conditional*</p> <p>Organization number of the financial institution.</p>
accounts.servicer.identifier.type	<p>*Mandatory conditional*</p> <p>* countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>* nationalIdentityNumber: Used for persons. The national identitycode for persons. In Norway this would be P or D numbers from FREG.</p> <p> [countryIdentificationCode, nationalIdentityNumber] </p>	<p>*Mandatory conditional*</p> <p>* countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>* nationalIdentityNumber: Used for persons. The national identitycode for persons. In Norway this would be P or D numbers from FREG.</p> <p> [countryIdentificationCode, nationalIdentityNumber] </p>
accounts.servicer.name	<p>*Deliver*</p> <p>Name of the financial institution.</p>	<p>*Deliver*</p> <p>Name of the financial institution.</p>
accounts.accountIdentifier	<p>*Mandatory conditional*</p> <p>Account number (or agreement number). For accounts it is generally 11 characters long but the value can be shorter or longer for some specific products such as credit cards, or leasing agreements, other. This value is what the data consumer will use as a reference when contacting the financial institution via alternate channels to request more information, if necessary.</p>	<p>*Mandatory conditional*</p> <p>Account number. Generally 11 characters long but can be longer for some specific products such as credit cards or leasing agreements.</p>

accounts.accountReference	<p>*Mandatory conditional*</p> <p>A unique reference to the account/agreement that will be used in the path to the other endpoints of the API. This reference should not be the real account number and should not be simply decoded to an account number. The financial institutions Banks are free to put more information in this reference in order to get necessary context to be used in by the other endpoints.</p> <p>This data element may in addition return predefined values such as dataNotDelivered in order to inform the data consumer about account specific delivery behaviour for the other endpoints.</p> <p>- dataNotDelivered : No further information will be delivered from the other endpoints in the API and the data consumer is asked to request further information manually.</p>	<p>*Mandatory conditional*</p> <p>A unique reference to the account/agreement. This reference should not be the real account number and should not be simply decoded to an account number. Banks are free to put more information in this reference in order to get necessary context to be used in other endpoints.</p> <p>This data element may in addition return predefined values in order to inform the data consumer about account specific delivery behaviour for the other endpoints.</p>
accounts.type	<p>*Deliver*</p> <p>All accounts/agreements products for a bank must be mapped into one of the account types that are stated in this list below:</p> <ol style="list-style-type: none"> 1. loanAccount: Account for funds borrowed by a financial institution to the party. 2. salaryAccount: Account for funds used on an ongoing basis by a person. 3. currencyAccount: Account for settlements and transactions in a fixed foreign currency. 4. savingsAccount: Account for funds used for savings. 5. clientAccount: Account for client funds (keeping clients funds separate from those of the business). 6. taxDeductionAccount: Account for funds used to pay advance tax for employees. 7. businessAccount: Account for funds that are used on an ongoing basis by a company / business. 8. creditCardAccount: Account/agreements for funds used by credit cards. 9. leasingAccount: Account for leasing agreements 10. prepaidCardAccount: Account for funds used by a prepaid card. 11. accountWithoutBalance: Account types without balance (no activa) and usually not registered in KAR. This type has to be used if the Financial Institution returns such accounts. For example, some banks may return CashPool subaccounts or depot accounts with this type, as well as some others. This will typically differ from banks to banks. 12. otherAccount: other type of account that cannot be grouped into the other ten categories or unknown type of account from legacy systems. <p>Note: All account types It is expected all the accounts/agreements that are or have been registered with the bank serviced by the financial institution must be grouped into the twelve eleven valid values listed above.</p> <p>[[loanAccount, salaryAccount, currencyAccount, savingsAccount, clientAccount, taxDeductionAccount, businessAccount, creditCardAccount, leasingAccount, prepaidCardAccount, accountWithoutBalance, otherAccount]]</p>	<p>*Deliver*</p> <p>All accounts/products for a bank must be mapped into one of the account types that are stated in this list below:</p> <ol style="list-style-type: none"> 1.loanAccount: Account for funds borrowed by a financial institution to the party. 2.salaryAccount: Account for funds used on an ongoing basis by a person. 3.currencyAccount: Account for settlements and transactions in a fixed foreign currency. 4.savingsAccount: Account for funds used for savings. 5.clientAccount: Account for client funds (keeping clients funds separate from those of the business). 6.taxDeductionAccount: Account for funds used to pay advance tax for employees. 7.businessAccount: Account for funds that are used on an ongoing basis by a company / business. 8.creditCardAccount: Account for funds used by credit cards. 9.prepaidCardAccount: Account for funds used by a prepaid card. 10.accountWithoutBalance: Account types without balance and usually not registered in KAR. Includes some CashPool and depot accounts as well as some others. 11.otherAccount: other type of account that cannot be grouped into the other ten categories or unknown type of account from legacy systems. <p>Note: All account types that are or have been registered with the bank must be grouped into the eleven valid values listed above.</p> <p>[[loanAccount, salaryAccount, currencyAccount, savingsAccount, clientAccount, taxDeductionAccount, businessAccount, creditCardAccount, prepaidCardAccount, accountWithoutBalance, otherAccount]]</p>
accounts.currency	<p>*Deliver*</p> <p>CurrencyCode of the account/agreement ISO Standard 4217.</p>	<p>*Deliver*</p> <p>CurrencyCode ISO Standard 4217.</p>
accounts.primaryOwner	<p>*Deliver*</p> <p>Party (person or organization) who owns or owned the account/agreement at the end date of during the requested time period, limited to the period the requested party had a role against the account.</p>	<p>*Deliver*</p> <p>Party (person or organization) who owns the account at the end date of the requested period, limited to the period the requested party had a role against the account.</p>
accounts.primaryOwner.permission	<p>*Deliver*</p> <p>Specifies the type of role/right the party has for an account/agreement.</p> <ul style="list-style-type: none"> * rightToUseAlone: Can issue transactions changing the balance of the account/agreement on their own. * rightToUseWithOther: Can only issue transactions changing the balance of the account/agreement together with other party. * rightToSeeOnly: Can only view account/agreement details, but not issue transactions. <p>[[rightToUseAlone, rightToUseWithOther, rightToSeeOnly]]</p>	<p>*Deliver*</p> <p>Specifies the type of role/right the party has for an account.</p> <ul style="list-style-type: none"> * rightToUseAlone: Can issue transactions changing the balance of the account on their own. * rightToUseWithOther: Can only issue transactions changing the balance of the account together with other party. * rightToSeeOnly: Can only view account details, but not issue transactions. <p>[[rightToUseAlone, rightToUseWithOther, rightToSeeOnly]]</p>
accounts.primaryOwner.identifier	<p>*Deliver*</p> <p>Information about the owner of the account/agreement.</p>	<p>*Deliver*</p>
accounts.primaryOwner.identifier.countryOfResidence	<p>*Deliver*</p> <p>CountryCode. The country the party belongs to. In ISO 3166-1/Alpha-2 code format.</p>	<p>*Deliver*</p> <p>CountryCode. The country the party belongs to. In ISO 3166-1/Alpha-2 code format.</p>
accounts.primaryOwner.identifier.value	<p>*Mandatory conditional*</p> <p>Personal identification number, D-number or organization number.</p>	<p>*Mandatory conditional*</p> <p>Personal identification number, D-number or organization number.</p>
accounts.primaryOwner.identifier.type	<p>*Mandatory conditional*</p> <p>Type of value. Either a national identity number for a person or a business identification number.</p> <p>[[countryIdentificationCode, nationalIdentityNumber]]</p>	<p>*Mandatory conditional*</p>

accounts.primaryOwner.name	<p>*Deliver*</p> <p>Name of the party that owns the account/agreement.</p>	<p>*Deliver*</p> <p>Name of the party that owns the account.</p>
accounts.primaryOwner.startDate	<p>*Deliver*</p> <p>Start date for when the party gained their rights as an account owner of the account/agreement regardless of the requested time period. This is the last period to be specified if the account/agreement is closed and re-opened. May be null if the data provider does not have a date. ISODate (yyyy-mm-dd).</p>	<p>*Deliver*</p> <p>Start date for when the party gained their rights as an account owner. This is the last period to be specified if the account is closed and re-opened. ISODate (yyyy-mm-dd).</p>
accounts.primaryOwner.endDate	<p>*Deliver*</p> <p>End date for when the party lost their rights as an account owner of the account/agreement regardless of the requested time period. This is the last period to be specified if the account/agreement is closed and re-opened. Null No end date if the party is currently still the owner of the account/agreement. ISODate (yyyy-mm-dd).</p>	<p>*Deliver*</p> <p>End date for when the party lost their rights as an account owner. This is the last period to be specified if the account is closed and re-opened. No end date if the party is still the owner of the account. ISODate (yyyy-mm-dd).</p>
accounts.name	<p>*Will not be delivered*</p> <p>This field will not be delivered and will be deleted from the datamodell in the next major version of the API.</p>	<p>*Will not be delivered*</p> <p>This field will not be delivered.</p>
links	<p>*Deliver*</p> <p>To be used in relation to large result sets using pagination. Se further information [here][Link](https://dokumentasjon.dsop.no/dsop_kontroll_spesifikasjon_av_eoppslag.html#store-resultatsett).</p>	<p>*Deliver*</p> <p>[Link](https://dokumentasjon.dsop.no/dsop_kontroll_spesifikasjon_av_eoppslag.html#store-resultatsett)</p>
links.rel	<p>*Mandatory conditional*</p> <p>Information about which page the url in href is about. Paginating as in; next, self, prev, last.</p> <p>For 'next': Next page in the result set. Absence of 'next' will be interpreted as this being the last page in the result set, and must therefore be empty if that is the case.</p> <p>Se futher information [here][Link](https://dokumentasjon.dsop.no/dsop_v2fellesstandard_specification_of_eoppslag.html#large-result-sets).</p>	<p>*Mandatory conditional*</p> <p>Paginating as in; next, self, prev, last.</p>
links.href	<p>*Mandatory conditional*</p> <p>Paginating, Link to the 'rel' page.</p>	<p>*Mandatory conditional*</p> <p>Paginating, Link to page.</p>

Data point	New description	Original description
responseDetails	<p>*Deliver*</p> <p>Status that informs the data consumer of the degree of completeness of the response from the data provider.</p>	<p>*Deliver*</p>
responseDetails.status	<p>*Deliver*</p> <p>Indicates whether the data delivery is a complete answer, or whether there is data offline the data provider is aware of that cannot be retrieved through the API.</p> <p>* partial: If there is any data the data provider is aware of in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data the data provider is aware of that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p>	<p>*Deliver*</p> <p>Indicates whether this is a complete answer, or whether there is data offline that cannot be retrieved through the API.</p> <p>* partial: If there is any data in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p> <p> [partial, complete] </p>
responseDetails.message	<p>*Deliver*</p> <p>In case of responseDetails.status = partial, responseDetails.message must be used and will indicate the reason why not all data has been delivered through the API in order to inform the data consumers about the situation and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - Messages in relation with partial.pdf.</p>	<p>*Deliver*</p> <p>In case of responseDetails.status partial, responseDetails.message indicates the reason why not all data has been delivered through the API in order to inform the data consumers about the situation, and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - 2024-03-06 - Messages in relation with partial.pdf.</p>
account	*Deliver*	*Deliver*
account.status	<p>*Deliver*</p> <p>Indicates the current status of an account/agreement on the request date</p> <p>* enabled: Any status of the account where a party can currently use the balance.</p> <p>* disabled: Any status of an account where no party can use the account, either temporarily or permanently. The account balance and properties are still available for viewing and listing. Accounts blocked due to bankruptcy shall return the value *disabled*.</p> <p>* deleted: Any status of an account where the account, balance and properties are no longer available at all.</p> <p> [enabled, disabled, deleted] </p>	<p>*Deliver*</p> <p>Indicates the current status of an account</p> <p>* enabled: Any status of the account where a party can use the balance.</p> <p>* disabled: Any status of an account where no party can use the account, either temporarily or permanently. The account balance and properties are still available for viewing and listing. Accounts blocked due to bankruptcy shall return the value *disabled*.</p> <p>* deleted: Any status of an account where the account, balance and properties are no longer available at all.</p> <p> [enabled, disabled, deleted] </p>
account.servicer	<p>*Deliver*</p> <p>Financial institution that is servicing the account/agreement.</p>	<p>*Deliver*</p> <p>Financial institution.</p>
account.servicer.identifier	<p>*Deliver*</p> <p>Financial institution that is servicing the account/agreement.</p>	<p>*Mandatory conditional*</p>
account.servicer.identifier.countryOfResidence	*Mandatory conditional*	<p>*Deliver*</p> <p>countryCode. The country the financial institution belongs to. From ISO 3166-1/Alpha-2 code.</p>
account.servicer.identifier.value	<p>*Mandatory conditional*</p> <p>Organization number of the financial institution servicing the account.</p>	<p>*Mandatory conditional*</p> <p>Organization number of the financial institution.</p>
account.servicer.identifier.type	<p>*Mandatory conditional*</p> <p>* countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>* nationalIdentityNumber: Used for persons. The national identitycode for persons. In Norway this would be P or D numbers from FREG.</p> <p> [countryIdentificationCode, nationalIdentityNumber] </p>	<p>*Mandatory conditional*</p> <p>* countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>* nationalIdentityNumber: Used for persons. The national identity code for persons. In Norway this would be P or D numbers from FREG.</p> <p> [countryIdentificationCode, nationalIdentityNumber] </p>
account.servicer.name	<p>*Deliver*</p> <p>Name of the financial institution that is servicing the account/agreement.</p>	<p>*Deliver*</p> <p>Name of the financial institution.</p>

account.accountIdentifier	<p>*Mandatory conditional*</p> <p>Account number (or agreement number). For accounts it is generally 11 characters long but the value can be shorter or longer for some specific products such as credit cards, or leasing agreements, other. This value is what the data consumer will use as a reference when contacting the financial institution via alternate channels to request more information, if necessary.</p>	<p>*Mandatory conditional*</p> <p>Account number. Generally 11 characters long but can be longer for some specific products such as credit cards or leasing agreements.</p>
account.accountReference	<p>*Mandatory conditional*</p> <p>A unique reference to the account/agreement that will be used in the path to the other endpoints of the API. This reference should not be the real account number and should not be simply decoded to an account number. The financial institutions Banks are free to put more information in this reference in order to get necessary context to be used in by the other endpoints.</p>	<p>*Mandatory conditional*</p> <p>A unique reference to the account/agreement. This reference should not be the real account number and should not be simply decoded to an account number. Banks are free to put more information in this reference in order to get necessary context to be used in other endpoints.</p>
account.type	<p>*Deliver*</p> <p>All accounts/agreements products for a bank must be mapped into one of the account types that are stated in this list below:</p> <ol style="list-style-type: none"> 1. loanAccount: Account for funds borrowed by a financial institution to the party. 2. salaryAccount: Account for funds used on an ongoing basis by a person. 3. currencyAccount: Account for settlements and transactions in a fixed foreign currency. 4. savingsAccount: Account for funds used for savings. 5. clientAccount: Account for client funds (keeping clients funds separate from those of the business). 6. taxDeductionAccount: Account for funds used to pay advance tax for employees. 7. businessAccount: Account for funds that are used on an ongoing basis by a company / business. 8. creditCardAccount: Account/agreements for funds used by credit cards. 9. leasingAccount: Account for leasing agreements 910. prepaidCardAccount: Account for funds used by a prepaid card. 110. accountWithoutBalance: Account types without balance (no activa) and usually not registered in KAR. This type has to be used if the Financial Institution returns such accounts. For example, some banks may return CashPool subaccounts or depot accounts with this type, as well as some others. This will typically differ from banks to banks. 121. otherAccount: other type of account that cannot be grouped into the other ten categories or unknown type of account from legacy systems. <p>Note: All account types It is expected all the accounts/agreements that are or have been registered with the bank serviced by the financial institution must be grouped into the twelve eleven valid values listed above.</p> <p>[[loanAccount, salaryAccount, currencyAccount, savingsAccount, clientAccount, taxDeductionAccount, businessAccount, creditCardAccount, leasingAccount, prepaidCardAccount, accountWithoutBalance, otherAccount]]</p>	<p>*Deliver*</p> <p>All accounts/products for a bank must be mapped into one of the account types that are stated in this list below:</p> <ol style="list-style-type: none"> 1.loanAccount: Account for funds borrowed by a financial institution to the party. 2.salaryAccount: Account for funds used on an ongoing basis by a person. 3.currencyAccount: Account for settlements and transactions in a fixed foreign currency. 4.savingsAccount: Account for funds used for savings. 5.clientAccount: Account for client funds (keeping clients funds separate from those of the business). 6.taxDeductionAccount: Account for funds used to pay advance tax for employees. 7.businessAccount: Account for funds that are used on an ongoing basis by a company / business. 8.creditCardAccount: Account for funds used by credit cards. 9.prepaidCardAccount: Account for funds used by a prepaid card. 10.accountWithoutBalance: Account types without balance and usually not registered in KAR. Includes some CashPool and depot accounts as well as some others. 11.otherAccount: other type of account that cannot be grouped into the other ten categories or unknown type of account from legacy systems. <p>Note: All account types that are or have been registered with the bank must be grouped into the eleven valid values listed above.</p> <p>[[loanAccount, salaryAccount, currencyAccount, savingsAccount, clientAccount, taxDeductionAccount, businessAccount, creditCardAccount, prepaidCardAccount, accountWithoutBalance, otherAccount]]</p>
account.currency	<p>*Deliver*</p> <p>CurrencyCode of the account/agreement ISO Standard 4217.</p>	<p>*Deliver*</p> <p>CurrencyCode ISO Standard 4217.</p>
account.name	<p>*Will not be delivered*</p> <p>This field will not be delivered and will be deleted from the datamodell in the next major version of the API.</p>	<p>*Will not be delivered*</p> <p>This field will not be delivered.</p>
account.balances	<p>*Deliver*</p> <p>Balance on the account, both booked and available. This applies for both current and historical balance. Data providers must assess if only booked balance is to be returned for historical balance, especially in cases where the available balance is not relevant or meaningful.</p>	<p>*Deliver*</p> <p>Balance on the account, both booked and available. This applies for both current and historical balance. Data providers must assess if only booked balance is to be returned for historical balance, especially in cases where the available balance is not relevant or meaningful.</p>
account.balances.creditLineIncluded	<p>*Deliver*</p> <p>This indicates whether credit limit is included in balance or not. If true, the value in creditLineAmount should be used to calculate the balance.</p>	<p>*Deliver*</p> <p>This indicates whether credit limit is included in balance or not. If true, the value in creditLineAmount should be used to calculate the balance.</p>
account.balances.amount	<p>*Deliver*</p> <p>The amount of the on balance. This value is always positive. Use account.balances.creditDebitIndicator to indicate if the amount is positive (credit) or negative (debit).</p>	<p>*Deliver*</p> <p>The amount on balance. This value is always positive.</p>
account.balances.creditDebitIndicator	<p>*Deliver*</p> <p>Indicates whether balance is positive or negative. Credit is positive and debit is negative.</p> <p>[[credit, debit]]</p>	<p>*Deliver*</p> <p>Indicates whether balance is positive or negative. Credit is positive and debit is negative.</p> <p>[[credit, debit]]</p>

account.balances.registered	<p>*Deliver*</p> <p>Date and time of amount returned in the balance ISO Date: YYYY-MM-DDThh:mm:ssZ for UTC or YYYY-MM-DDThh:mm:ss+hh for other timezones. registered response may differ between booked and available balance. For example +02 for CEST. 2020-05-07T12:00:00Z = 2020-05-07T14:00:00+02</p> <p>Only today's date/time is provided if the time period extends to today's date (not historically)</p>	<p>*Deliver*</p> <p>Date and time of balance ISO Date: YYYY-MM-DDThh:mm:ssZ for UTC or YYYY-MM-DDThh:mm:ss+hh for other timezones. For example +02 for CEST. 2020-05-07T12:00:00Z = 2020-05-07T14:00:00+02</p>
account.balances.type	<p>*Deliver*</p> <p>Available balance and booked balance. For request on today's date, available balance per request date must be provided, as well as booked balance. For a specified period, the booked balance for stated "toDate" must be delivered.</p> <p> [availableBalance, bookedBalance] </p>	<p>*Deliver*</p> <p>Available balance and booked balance. For request on today's date, available balance per request date must be provided, as well as booked balance. For a specified period, the booked balance for stated "toDate" must be delivered.</p> <p> [availableBalance, bookedBalance] </p>
account.balances.creditLineAmount	<p>*Deliver*</p> <p>Amount of credit line. Credit line amount to be included in order to calculate the actual balance. To be used if creditLineIncluded = true.</p>	<p>*Deliver*</p> <p>Amount of credit line.</p>
account.balances.creditLineCurrency	<p>*Deliver*</p> <p>CurrencyCode. Currency of the credit line in ISO Standard.</p>	<p>*Deliver*</p> <p>CurrencyCode. Currency of the credit line in ISO Standard.</p>
account.balances.currency	<p>*Deliver*</p> <p>CurrencyCode for the balance amount. ISO Standard.</p>	<p>*Deliver*</p> <p>CurrencyCode for the balance amount. ISO Standard.</p>
account.primaryOwner	<p>*Deliver*</p> <p>Party (person or organization) who owns or owned the account/agreement at the end date of during the requested time period, limited to the period the requested party had a role against the account.</p>	<p>*Deliver*</p> <p>Party (person or organization) who owns the account at the end date of the requested period, limited to the period the requested party had a role against the account.</p>
account.primaryOwner.permission	<p>*Deliver*</p> <p>Specifies the type of role/right the party has for an account/agreement. * rightToUseAlone: Can issue transactions changing the balance of the account/agreement on their own. * rightToUseWithOther: Can only issue transactions changing the balance of the account/agreement together with other party. * rightToSeeOnly: Can only view account/agreement details, but not issue transactions.</p> <p> [rightToUseAlone, rightToUseWithOther, rightToSeeOnly] </p>	<p>*Deliver*</p> <p>Specifies the type of role/right the party has for an account. * rightToUseAlone: Can issue transactions changing the balance of the account on their own. * rightToUseWithOther: Can only issue transactions changing the balance of the account together with other party. * rightToSeeOnly: Can only view account details, but not issue transactions.</p> <p> [rightToUseAlone, rightToUseWithOther, rightToSeeOnly] </p>
account.primaryOwner.identifier	<p>*Deliver*</p> <p>Information about the owner of the account/agreement.</p>	<p>*Deliver*</p>
account.primaryOwner.identifier.countryOfResidence	<p>*Deliver*</p> <p>CountryCode. The country the person or organization belongs to. In ISO 3166-1/Alpha-2 code format.</p>	<p>*Deliver*</p> <p>CountryCode. The country the person or organization belongs to. In ISO 3166-1/Alpha-2 code format.</p>
account.primaryOwner.identifier.value	<p>Mandatory conditional</p> <p>Personal identification number, D-number or organization number.</p>	<p>Mandatory conditional</p> <p>Personal identification number, D-number or organization number.</p>
account.primaryOwner.identifier.type	<p>*Mandatory conditional*</p> <p>Type of value. Either a national identity number for a person or a business identification number.</p> <p> [countryIdentificationCode, nationalIdentityNumber] </p>	<p>*Mandatory conditional*</p> <p> [countryIdentificationCode, nationalIdentityNumber] </p>
account.primaryOwner.name	<p>*Deliver*</p> <p>Name of the party that owns the account/agreement.</p>	<p>*Deliver*</p> <p>Name of the party that owns the account.</p>
account.primaryOwner.startDate	<p>*Deliver*</p> <p>Start date for when the party got gained their rights as an account owner when creating of the account/agreement regardless of the requested time period. This is the last period to be specified if the account/agreement is closed and re-opened. May be null if the data provider does not have a date. ISODate (yyyy-mm-dd).</p>	<p>*Deliver*</p> <p>Start date for when party got account ownership when creating account. This is the last period to be specified if the account is closed and re-opened. ISODate (yyyy-mm-dd).</p>

account.primaryOwner.endDate	<p>*Deliver*</p> <p>End date for when the party lost their rights as an account owner of the account/agreement regardless of the requested time period. This is the last period to be specified if the account/agreement is closed and re-opened. Null No-end-date if the party is currently still the owner of the account/agreement. ISODate (yyyy-mm-dd).</p>	End date for when the party lost their rights as an account owner. This is the last period to be specified if the account is closed and re-opened. No end date if the party is still the owner of the account. ISODate (yyyy-mm-dd).
account.startDate	<p>*Deliver*</p> <p>Date when account was created regardless of the requested time period. If a bank data provider has more than one startDate and/or endDate for an account/agreement (it has been closed and reopened or recycled) where current parties had or have a role on the account, the latest dates shall be reported. The endDate shall always come after (be newer than) the startDate. If the account is currently open, no endDate shall be given.</p>	<p>*Deliver*</p> <p>Date when account was created. If a bank has more than one startDate and/or endDate for an account (it has been closed and reopened or recycled) where current parties had or have a role on the account, the latest dates shall be reported. The endDate shall always come after (be newer than) the startDate. If the account is currently open, no endDate shall be given.</p>
account.endDate	<p>*Deliver*</p> <p>Date when account was closed regardless of the requested time period. If a bank has more than one startDate and/or endDate for an account/agreement (it has been closed and reopened or recycled) where current parties had or have a role on the account, the latest dates shall be reported. The endDate shall always come after (be newer than) the startDate. If the account/agreement is currently open/active, null no-endDate shall be given returned.</p>	<p>*Deliver*</p> <p>Date when account was closed. If a bank has more than one startDate and/or endDate for an account (it has been closed and reopened or recycled) where current parties had or have a role on the account, the latest dates shall be reported. The endDate shall always come after (be newer than) the startDate. If the account is currently open, no endDate shall be given.</p>

Data point	New description	Original description
responseDetails	*Deliver* <i>Status that informs the data consumer of the degree of completeness of the response from the data provider.</i>	*Deliver*
responseDetails.status	*Deliver* Indicates whether the data delivery is a complete answer, or whether there is data offline the data provider is aware of that cannot be retrieved through the API. * partial: If there is any data the data provider is aware of in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer. * complete: If there is no more available data the data provider is aware of that can be retrieved manually. All known data has been returned in the response. responseDetails.status is not to be used as an indicator for paginating.	*Deliver* Indicates whether this is a complete answer, or whether there is data offline that cannot be retrieved through the API. * partial: If there is any data in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer. * complete: If there is no more available data that can be retrieved manually. All known data has been returned in the response. responseDetails.status is not to be used as an indicator for paginating. [partial, complete]
responseDetails.message	*Deliver* In case of responseDetails.status = partial, responseDetails.message must be used and will indicate the reason why not all data has been delivered through the API in order to inform the data consumers about the situation and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - Messages in relation with partial.pdf .	*Deliver* In case of responseDetails.status partial, responseDetails.message indicates the reason why not all data has been delivered through the API in order to inform the data consumers about the situation, and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - 2024-03-06 - Messages in relation with partial.pdf .
transactions	*Deliver* <i>Overview of all transactions on to the account/agreement related to the control object.</i>	Deliver
transactions.transactionIdentifier	*Mandatory conditional* A unique identifier for each transaction within each financial institution bank , following the data provider bank's own standard. This value is what the data consumer may use as a reference when contacting the financial institution via alternate channels to request more information about a transaction, if necessary. Alternatively is the combination transaction date (transactions.registered) and archive reference (transactions.references.value for transactions.references.type = archiveReference) an unique identifier for a transaction.	Mandatory conditional A unique identifier for each transaction within each bank, following the bank's own standard.
transactions.references	*Deliver* <i>A set of references associated with a transaction at A reference to a transaction created by the reporting bank.</i>	Deliver A reference to a transaction created by the reporting bank.
transactions.references.value	Mandatory conditional Reference number associated with type.	Mandatory conditional Reference number associated with type.
transactions.references.type	*Mandatory conditional* Type of reference value. For KID number, the value "messagelIdentification" must be used. Use otherReference if no other value can apply. [accountServicerReference, archiveReference, chequeNumber, endToEndIdentification, instructionIdentification, invoiceNumber, mandateIdentification, messagelIdentification, otherReference, paymentInformationIdentification, remittanceReference]	Mandatory conditional For KID number, the value "messagelIdentification" must be used. Use otherReference if no other value can apply. [accountServicerReference, archiveReference, chequeNumber, endToEndIdentification, instructionIdentification, invoiceNumber, mandateIdentification, messagelIdentification, otherReference, paymentInformationIdentification, remittanceReference]
transactions.creditDebitIndicator	Mandatory conditional Indicates whether the transaction added funds to the account (credit) or removed funds from the account (debit). [credit, debit]	Mandatory conditional Indicates whether the transaction added funds to the account (credit) or removed funds from the account (debit). [credit, debit]
transactions.reversalIndicator	Deliver Indicates whether the transaction is a correction of a previous transaction.	Deliver Indicates whether the transaction is a correction of a previous transaction.
transactions.status	Mandatory conditional Status of the transaction. Shows whether the transaction is booked or pending. All other transactions' statuses can be mapped to info. [booked, pending, info]	Mandatory conditional Status of the transaction. Shows whether the transaction is booked or pending. All other transactions' statuses can be mapped to info. [booked, pending, info]
transactions.transactionCode	*Mandatory conditional* <i>Structure where the transaction type is to be returned.</i>	Mandatory conditional
transactions.transactionCode.domain	Deliver Business area: High level definition of the business activity. See document "BANK TRANSACTION CODE COMBINATIONS AND DESCRIPTION" in ISO20022 standard. [accountManagement, cashManagement, foreignExchange, payments, securities, tradeServices, extended]	Deliver Business area: High level definition of the business activity. See document "BANK TRANSACTION CODE COMBINATIONS AND DESCRIPTION" in ISO20022 standard. [accountManagement, cashManagement, foreignExchange, payments, securities, tradeServices, extended]

transactions.transactionCode.family	<p>Deliver</p> <p>Product family definition. See document "BANK TRANSACTION CODE COMBINATIONS AND DESCRIPTION" in ISO20022 standard.</p> <p>[additionalMiscellaneousCreditOperations, additionalMiscellaneousDebitOperations, miscellaneousCreditOperations, miscellaneousDebitOperations, openingAndClosing, accountBalancing, cashPooling, notAvailable, customerCardTransactions, counterTransactions, drafts, issuedCashConcentrationTransactions, issuedCreditTransfers, issuedCheques, issuedDirectDebits, lockboxTransactions, merchantCardTransactions, other, receivedCashConcentrationTransactions, receivedCreditTransfers, receivedCheques, receivedDirectDebits, corporateAction, documentaryCollection, standByLetterOfCredit]</p>	<p>Deliver</p> <p>Product family definition. See document "BANK TRANSACTION CODE COMBINATIONS AND DESCRIPTION" in ISO20022 standard.</p> <p>[additionalMiscellaneousCreditOperations, additionalMiscellaneousDebitOperations, miscellaneousCreditOperations, miscellaneousDebitOperations, openingAndClosing, accountBalancing, cashPooling, notAvailable, customerCardTransactions, counterTransactions, drafts, issuedCashConcentrationTransactions, issuedCreditTransfers, issuedCheques, issuedDirectDebits, lockboxTransactions, merchantCardTransactions, other, receivedCashConcentrationTransactions, receivedCreditTransfers, receivedCheques, receivedDirectDebits, corporateAction, documentaryCollection, standByLetterOfCredit]</p>
transactions.transactionCode.subFamily	<p>Deliver</p> <p>Detailed product specification See document "BANK TRANSACTION CODE COMBINATIONS AND DESCRIPTION" in ISO20022 standard.</p> <p>[valueDate, chargesGeneric, commissions, interestsGeneric, other, accountClosing, notAvailable, sweeping, topping, zeroBalancing, cashWithdrawal, debitCardPayment, crossBorderCashWithdrawal, cashDeposit, debitAdjustmentGeneric, travellersChequesDeposit, settlementAtMaturity, intraCompanyTransfer, corporateOwnAccountTransfer, crossBorderIntraCompanyTransfer, achDebit, achReturn, achTransactionAtxn, automaticTransfer, bankCheque, booked, domesticCreditTransfer, dividend, sepaCreditTransfer, financialInstitutionCreditTransfer, principalPayment, priorityCreditTransfer, reversalDueToPaymentReturn, achTransactionSala, sameDayValueCreditTransfer, standingOrder, taxes, creditTransferWithAgreedCommercialInformation, crossBorderCreditTransfer, cashLetter, cheques, chequesReversal, openCheque, unpaidCheque, crossBorderCheque, sepaCoreDirectDebit, directDebitPayment, reversalDueToPayment, reversalDueToPaymentCancellationRequest, reversalDueToReturnUnpaidDirectDebit, debit, deposit, adjustments, fees, creditCardPayment, pointOfSalePosPayment, creditAdjustment, settlementAfterCollection]</p>	<p>Deliver</p> <p>Detailed product specification See document "BANK TRANSACTION CODE COMBINATIONS AND DESCRIPTION" in ISO20022 standard.</p> <p>[valueDate, chargesGeneric, commissions, interestsGeneric, other, accountClosing, notAvailable, sweeping, topping, zeroBalancing, cashWithdrawal, debitCardPayment, crossBorderCashWithdrawal, cashDeposit, debitAdjustmentGeneric, travellersChequesDeposit, settlementAtMaturity, intraCompanyTransfer, corporateOwnAccountTransfer, crossBorderIntraCompanyTransfer, achDebit, achReturn, achTransactionAtxn, automaticTransfer, bankCheque, booked, domesticCreditTransfer, dividend, sepaCreditTransfer, financialInstitutionCreditTransfer, principalPayment, priorityCreditTransfer, reversalDueToPaymentReturn, achTransactionSala, sameDayValueCreditTransfer, standingOrder, taxes, creditTransferWithAgreedCommercialInformation, crossBorderCreditTransfer, cashLetter, cheques, chequesReversal, openCheque, unpaidCheque, crossBorderCheque, sepaCoreDirectDebit, directDebitPayment, reversalDueToPayment, reversalDueToPaymentCancellationRequest, reversalDueToReturnUnpaidDirectDebit, debit, deposit, adjustments, fees, creditCardPayment, pointOfSalePosPayment, creditAdjustment, settlementAfterCollection]</p>
transactions.transactionCode.freeText	<p>Deliver</p> <p>If it is not possible to map the transaction using ISO transactionCode domain and family, freetext can be used. Freetext must be a standard code set used by the bank to categorize the transaction. Code set must be shared with consumers. Examples: Payment types (codes) like; Nettgiro, Varekjøp, Visa Varekjøp, Avtalegiro, Straksutbetaling, Kontoregulering etc.</p>	<p>Deliver</p> <p>If it is not possible to map the transaction using ISO transactionCode domain and family, freetext can be used. Freetext must be a standard code set used by the bank to categorize the transaction. Code set must be shared with consumers. Examples: Payment types (codes) like; Nettgiro, Varekjøp, Visa Varekjøp, Avtalegiro, Straksutbetaling, Kontoregulering etc.</p>
transactions.bookingDate	Mandatory conditional Date for when a transaction was booked ISO Date (yyyy-mm-ddThh:mm:ss).	Mandatory conditional Date for when a transaction was booked ISO Date (yyyy-mm-ddThh:mm:ss).
transactions.valueDate	Mandatory conditional Date for when the booked transaction is interest-bearing ISO Date (yyyy-mm-ddThh:mm:ss).	Mandatory conditional Date for when the booked transaction is interest-bearing ISO Date (yyyy-mm-ddThh:mm:ss).
transactions.counterParties	<p>*Deliver*</p> <p>Counterparty related to the transaction and from which payment is made it is paid or from which payment is received receives payment from.</p>	<p>Deliver</p> <p>Counterparty from which it is paid or receives payment from.</p>
transactions.counterParties.accountIdentifier	<p>Deliver</p> <p>Counterparty's account number.</p>	<p>Deliver</p> <p>Counterparty's account number.</p>
transactions.counterParties.identifier	<p>Deliver</p>	<p>Deliver</p>
transactions.counterParties.identifier.countryOfResidence	<p>Deliver</p> <p>CountryCode. The country the counterparty belongs to. In ISO 3166-1/Alpha-2 code format.</p>	<p>Deliver</p> <p>CountryCode. The country the counterparty belongs to. In ISO 3166-1/Alpha-2 code format.</p>
transactions.counterParties.identifier.value	<p>Mandatory conditional</p> <p>Personal identification number, D-number or organization number of the counterparty.</p>	<p>Mandatory conditional</p> <p>Personal identification number, D-number or organization number of the counterparty.</p>
transactions.counterParties.identifier.type	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprises, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>nationalIdentityNumber: Used for persons. The national identity code for persons. In Norway this would be P or D numbers from FREG.</p> <p>[countryIdentificationCode, nationalIdentityNumber]</p>	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprises, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>nationalIdentityNumber: Used for persons. The national identity code for persons. In Norway this would be P or D numbers from FREG.</p> <p>[countryIdentificationCode, nationalIdentityNumber]</p>
transactions.counterParties.name	<p>Deliver</p> <p>Counterparty's name.</p>	<p>Deliver</p> <p>Counterparty's name.</p>

transactions.counterParties.type	<p>*Mandatory conditional*</p> <p>Counterparty's role in the transaction.</p> <p>Debtor: The party that is responsible for making the payment to the creditor.</p> <p>Creditor: The party that is entitled to receive the payment from the debtor.</p> <p>UltimateDebtor: The final party that truly owes the money to the ultimate creditor. This is different from the immediate debtor when someone makes a payment on behalf of another party.</p> <p>UltimateCreditor: The final party that is ultimately entitled to receive the money. This is different from the immediate creditor when someone receives payment on behalf of another party.</p> <p>[debtor, creditor, ultimateDebtor, ultimateCreditor]</p>	<p>Mandatory conditional</p> <p>Counterparty's role in the transaction.</p> <p>[debtor, creditor, ultimateDebtor, ultimateCreditor]</p>
transactions.counterParties.postalAddress	<p>Deliver</p> <p>Counterparty's address</p>	<p>Deliver</p> <p>Counterparty's address</p>
transactions.counterParties.postalAddress.postCode	<p>Deliver</p> <p>Registered postal code for the Counterparty's address</p>	<p>Deliver</p> <p>Registered postal code for the Counterparty's address</p>
transactions.counterParties.postalAddress.type	<p>Mandatory conditional</p> <p>Type of registered address for the Counterparty.</p> <p>[residential, business, mailTo, deliveryTo]</p>	<p>Mandatory conditional</p> <p>Type of registered address for the Counterparty.</p> <p>[residential, business, mailTo, deliveryTo]</p>
transactions.counterParties.postalAddress.streetName	<p>Deliver</p> <p>Street address registered on the Counterparty.</p>	<p>Deliver</p> <p>Street address registered on the Counterparty.</p>
transactions.counterParties.postalAddress.buildingNumber	<p>Deliver</p> <p>Building number for the street address registered on the Counterparty.</p>	<p>Deliver</p> <p>Building number for the street address registered on the Counterparty.</p>
transactions.counterParties.postalAddress.townName	<p>Deliver</p> <p>Postal code location name, referring to the Postal code and street address for the Counterparty.</p>	<p>Deliver</p> <p>Postal code location name, referring to the Postal code and street address for the Counterparty.</p>
transactions.counterParties.postalAddress.country	<p>Deliver</p> <p>Country code for the registered address of the Counterparty. Country code in ISO 3166-1/Alpha-2 code format.</p>	<p>Deliver</p> <p>Country code for the registered address of the Counterparty. Country code in ISO 3166-1/Alpha-2 code format.</p>
transactions.counterParties.postalAddress.addressLines	<p>Deliver</p> <p>Additional address information, freetext.</p>	<p>Deliver</p> <p>Additional address information, freetext.</p>
transactions.additionalInfo	<p>*Deliver*</p> <p>If there is any other descriptive text that can be added to the transaction delivery, like Description from bank statement.</p> <p>Typically, information from the issuer of the transaction. This is not to replace any structured elements in the API, e.g.: Shop name, Receiver name, Action type, date merchant, counterpartParties, transactionCode, references and various dates.</p>	<p>Deliver</p> <p>If there is any other descriptive text that can be added to the delivery, like Description from bank statement. Typically, information from the issuer of the transaction. This is not to replace any structured elements in the API, e.g.: Shop name, Receiver name, Action type, date.</p>
transactions.currencyExchange	<p>*Deliver*</p> <p>If there has been any currency conversion during the transaction, these fields describe the details of the currency exchange. To convert an amount from a source currency to a target currency, you use the exchange rate to multiply or divide the original amount.</p>	<p>Deliver</p> <p>If there has been any currency conversion during the transaction, these fields describe the details of the currency exchange.</p>
transactions.currencyExchange.originalAmount	<p>*Deliver*</p> <p>Starting Amounts in their original currency before conversion.</p>	<p>Deliver</p> <p>Amounts in their original currency before conversion.</p>
transactions.currencyExchange.sourceCurrency	<p>*Mandatory conditional*</p> <p>The currency to convert the amount from Currency from which an amount is to be converted, ISO Standard 4217.</p>	<p>Mandatory conditional</p> <p>Currency from which an amount is to be converted, ISO Standard 4217.</p>
transactions.currencyExchange.targetCurrency	<p>*Mandatory conditional*</p> <p>The Currency to which an amount is to be converted, ISO Standard 4217.</p>	<p>Mandatory conditional</p> <p>Currency to which an amount is to be converted, ISO Standard 4217.</p>
transactions.currencyExchange.unitCurrency	<p>Deliver</p> <p>unitCurrency indicates the base currency used for the currency calculation, ISO Standard 4217.</p>	<p>Deliver</p> <p>unitCurrency indicates the base currency used for the currency calculation, ISO Standard 4217.</p>
transactions.currencyExchange.exchangeRate	<p>*Mandatory conditional*</p> <p>The price of one currency in terms of another. This value is used to perform the conversion. The price or exchange rate of foreign currency.</p>	<p>Mandatory conditional</p> <p>The price or exchange rate of foreign currency.</p>
transactions.merchant	<p>*Deliver*</p> <p>Information about the Merchant where the transaction was performed.</p>	<p>Deliver</p> <p>Merchant where the transaction was performed.</p>

transactions.paymentCard	<p>*Deliver*</p> <p>Information about the payment card used for the transaction if the transaction is a card transaction.</p>	Deliver
transactions.paymentCard.cardIdentifier	<p>Mandatory conditional</p> <p>Card number. Must be masked by following the best practices given by PCI DSS. It is recommended at least to follow this standard: The first six and last four digits are the maximum number of digits that can be delivered. The rest must be filled with 'X's and no spaces.</p>	<p>Mandatory conditional</p> <p>Card number. Must be masked by following the best practices given by PCI DSS. It is recommended at least to follow this standard: The first six and last four digits are the maximum number of digits that can be delivered. The rest must be filled with 'X's and no spaces.</p>
transactions.paymentCard.holderName	<p>Mandatory conditional</p> <p>Name of the card holder.</p>	<p>Mandatory conditional</p> <p>Name of the card holder.</p>
transactions.paymentCard.startDate	<p>*Mandatory conditional*</p> <p>When card was valid from Start date on the card's validity, regardless of the time period in the request (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM)</p>	<p>Mandatory conditional</p> <p>When card was valid from (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM).</p>
transactions.paymentCard.expiryDate	<p>*Mandatory conditional*</p> <p>When card is expiring Expiration date of the card, regardless of the time period in the request (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM)</p>	<p>Mandatory conditional</p> <p>When card is expiring (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM).</p>
transactions.paymentCard.cardIssuerName	<p>Mandatory conditional</p> <p>Name of the financial institution that issued the card.</p>	<p>Mandatory conditional</p> <p>Name of the financial institution that issued the card.</p>
transactions.paymentCard.type	<p>Mandatory conditional</p> <p>Type of card. [creditCard, debitCard]</p>	<p>Mandatory conditional</p> <p>Type of card. [creditCard, debitCard]</p>
transactions.paymentCard.cardStatus	<p>Mandatory conditional*</p> <p>Current s\$tatus of the card on the request date: active: The card is still active. blocked: The card is blocked.</p>	<p>Mandatory conditional</p> <p>Status of the card: active: The card is active. blocked: The card is blocked.</p>
transactions.paymentCard.versionNumber	<p>Mandatory conditional</p> <p>If the card number is reused when reissuing a card, then each reissued card gets a separate version number. Version of a card [1 to 9].</p>	<p>Mandatory conditional</p> <p>If the card number is reused when reissuing a card, then each reissued card gets a separate version number. Version of a card [1 to 9].</p>
transactions.paymentCard.cardIssuerIdentifier	Deliver	Deliver
transactions.paymentCard.cardIssuerIdentifier.countryOfResidence	Deliver	Deliver
transactions.paymentCard.cardIssuerIdentifier.value	<p>Mandatory conditional</p> <p>Organization number of the card issuer.</p>	<p>Mandatory conditional</p> <p>Organization number of the card issuer.</p>
transactions.paymentCard.cardIssuerIdentifier.type	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprises, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG. nationalIdentityNumber: Used for persons. The national identity code for persons. In Norway this would be P or D numbers from FREG. [countryIdentificationCode, nationalIdentityNumber]</p>	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprises, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG. nationalIdentityNumber: Used for persons. The national identity code for persons. In Norway this would be P or D numbers from FREG. [countryIdentificationCode, nationalIdentityNumber]</p>
transactions.registered	<p>Deliver</p> <p>Date and time when the transaction was performed by Payer, in ISO Date: YYYY-MM-DDThh:mm:ssZ for UTC eller YYYY-MM-DDThh:mm:ss+hh for other timezones.</p> <p>For example, +02 for CEST. 2020-05-07T12:00:00Z = 2020-05-07T14:00:00+02</p>	<p>Deliver</p> <p>Date and time when the transaction was performed by Payer, in ISO Date: YYYY-MM-DDThh:mm:ssZ for UTC eller YYYY-MM-DDThh:mm:ss+hh for other timezones.</p> <p>For example, +02 for CEST. 2020-05-07T12:00:00Z = 2020-05-07T14:00:00+02</p>
transactions.amount	<p>*Mandatory conditional*</p> <p>The actual amount transacted. The amount should be stated in the currency of the account (ref. <i>transactions.currency</i>). Use <i>transactions.creditDebitIndicator</i> to indicate if the amount in the transaction is positive (credit) or negative (debit).</p>	<p>Mandatory conditional</p> <p>The actual amount that is shown in the transaction. The amount should be stated in the currency of the account.</p>
transactions.currency	<p>Mandatory conditional</p> <p>The currency used in the transactions.amount, ISO Standard 4217.</p>	<p>Mandatory conditional</p> <p>The currency used in the transactions.amount, ISO Standard 4217.</p>
links	<p>*Deliver*</p> <p>To be used in relation to large result sets using pagination. See further information [here] [Link] (https://dokumentasjon.dsop.no/dsop_kontroll_spesifikasjon_av_eoppslag.html#store-resultatsett).</p>	Deliver

links.rel	<p>*Mandatory conditional*</p> <p>Information about which page the url in href is about. Paginating as in; next, self, prev, last.</p> <p>For 'next': Next page in the result set. Absence of 'next' will be interpreted as this being the last page in the result set, and must therefore be empty if that is the case.</p> <p>Se further information [here][Link](https://dokumentasjon.dsop.no/dsop_kontroll_spesifikasjon_av_eoppslag.html#https://dokumentasjon.dsop.no/dsop_v2fellesstandard_specification_of_eoppslag.html#large-result-sets).</p>	Mandatory conditional Paginating as in; next, self, prev, last.
links.href	<p>*Mandatory conditional*</p> <p>Paginating-Link to the 'rel' page.</p>	Mandatory conditional Paginating, Link to page.

Data point	New description	Original description
responseDetails	<p>*Deliver*</p> <p>Status that informs the data consumer of the degree of completeness of the response from the data provider.</p>	<p>*Deliver*</p>
responseDetails.status	<p>*Deliver*</p> <p>Indicates whether the data delivery is a complete answer, or whether there is data offline the data provider is aware of that cannot be retrieved through the API.</p> <p>* partial: If there is any data the data provider is aware of in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data the data provider is aware of that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p>	<p>*Deliver*</p> <p>Indicates whether this is a complete answer, or whether there is data offline that cannot be retrieved through the API.</p> <p>* partial: If there is any data in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p> <p> [partial, complete] </p>
responseDetails.message	<p>*Deliver*</p> <p>In case of responseDetails.status = partial, responseDetails.message must be used and will indicate the reason why not all data has been delivered through the API in order to inform the data consumers about the situation and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - Messages in relation with partial.pdf.</p>	<p>*Deliver*</p> <p>In case of responseDetails.status partial, responseDetails.message indicates the reason why not all data has been delivered through the API in order to inform the data consumers about the situation, and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - 2024-03-06 - Messages in relation with partial.pdf.</p>
paymentCards	<p>*Deliver*</p> <p>Overview of all cards linked to the account/agreement related to the data subject (partyID).</p>	<p>Deliver</p>
paymentCards.cardIdentifier	<p>Mandatory conditional</p> <p>Card number. Must be masked by following the best practices given by PCI DSS. It is recommended at least to follow this standard: The first six and last four digits are the maximum number of digits that can be delivered. The rest must be filled with 'X's and no spaces.</p>	<p>Mandatory conditional</p> <p>Card number. Must be masked by following the best practices given by PCI DSS. It is recommended at least to follow this standard: The first six and last four digits are the maximum number of digits that can be delivered. The rest must be filled with 'X's and no spaces.</p>
paymentCards.holderName	<p>Deliver</p> <p>Name of the card holder.</p>	<p>Deliver</p> <p>Name of the card holder.</p>
paymentCards.startDate	<p>*Deliver*</p> <p>When card was valid from Start date on the card's validity, regardless of the time period in the request (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM)</p>	<p>Deliver</p> <p>When card was valid from (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM)</p>
paymentCards.expiryDate	<p>*Deliver*</p> <p>When card is expiring Expiration date of the card, regardless of the time period in the request (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM)</p>	<p>Deliver</p> <p>When card is expiring (pattern: ^[0-9]+-(0[1-9] 1[0-2]): YYYY-MM)</p>
paymentCards.cardIssuerName	<p>Deliver</p> <p>Name of the financial institution that issued the card.</p>	<p>Deliver</p> <p>Name of the financial institution that issued the card.</p>
paymentCards.type	<p>Deliver</p> <p>Type of card.</p> <p>[creditCard, debitCard]</p>	<p>Deliver</p> <p>Type of card.</p> <p>[creditCard, debitCard]</p>
paymentCards.cardStatus	<p>*Deliver*</p> <p>Current status of the card on request date:</p> <p>active: The card is still active.</p> <p>blocked: The card is blocked.</p> <p>[active, blocked]</p>	<p>Deliver</p> <p>Status of the card:</p> <p>active: The card is active.</p> <p>blocked: The card is blocked.</p> <p>[active, blocked]</p>
paymentCards.versionNumber	<p>Deliver</p> <p>If the card number is reused when reissuing a card, then each reissued card gets a separate version number. Version of a card [1 to 9].</p>	<p>Deliver</p> <p>If the card number is reused when reissuing a card, then each reissued card gets a separate version number. Version of a card [1 to 9].</p>
paymentCards.cardIssuerIdentifier	<p>*Deliver*</p> <p>Information about card issuing bank.</p>	<p>Deliver</p>
paymentCards.cardIssuerIdentifier.countryOfResidence	<p>Deliver</p> <p>CountryCode. The country the card issuer belongs to in ISO 3166-1/Alpha-2 code format.</p>	<p>Deliver</p> <p>CountryCode. The country the card issuer belongs to in ISO 3166-1/Alpha-2 code format.</p>
paymentCards.cardIssuerIdentifier.value	<p>Mandatory conditional</p> <p>Organization number of the card issuer.</p>	<p>Mandatory conditional</p> <p>Organization number of the card issuer.</p>

paymentCards.cardIssuerIdentifier.type	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>nationalIdentityNumber: Used for persons. The national identitycode for persons. In Norway this would be P or D numbers from FREG.</p> <p>[countryIdentificationCode, nationalIdentityNumber]</p>	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>nationalIdentityNumber: Used for persons. The national identitycode for persons. In Norway this would be P or D numbers from FREG.</p> <p>[countryIdentificationCode, nationalIdentityNumber]</p>
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Data point	New description	Original description
responseDetails	<p>*Deliver*</p> <p>Status that informs the data consumer of the degree of completeness of the response from the data provider.</p>	<p>*Deliver*</p>
responseDetails.status	<p>*Deliver*</p> <p>Indicates whether the data delivery is a complete answer, or whether there is data offline the data provider is aware of that cannot be retrieved through the API.</p> <p>* partial: If there is any data the data provider is aware of in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data the data provider is aware of that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p>	<p>*Deliver*</p> <p>Indicates whether this is a complete answer, or whether there is data offline that cannot be retrieved through the API.</p> <p>* partial: If there is any data in the producers systems that can be retrieved manually and is not part of the API response, or if the provider wishes to be contacted via another channel by the consumer.</p> <p>* complete: If there is no more available data that can be retrieved manually. All known data has been returned in the response.</p> <p>responseDetails.status is not to be used as an indicator for paginating.</p> <p> [partial, complete] </p>
responseDetails.message	<p>*Deliver*</p> <p>In case of responseDetails.status = partial, responseDetails.message must be used and will indicate the reason why not all data has been delivered through the API in order to inform the data consumers about the situation and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - Messages in relation with partial.pdf.</p>	<p>*Deliver*</p> <p>In case of responseDetails.status partial, responseDetails.message indicates the reason why not all data has been delivered through the API in order to inform the data consumers about the situation, and enable them to decide if it is necessary to send a digital letter to the Data provider or not. A description of the different messages to return is available in the document DSOP Control - Functional specification - 2024-03-06 - Messages in relation with partial.pdf.</p>
roles	<p>*Deliver*</p> <p>Overview of all the parties (person or organization) that have or had a role on the account/agreement during the requested time period. If a party changes rights (roles.permission) during the time period, this must be considered a new role even if it is the same party.</p>	<p>Deliver</p>
roles.permission	<p>Deliver</p> <p>Specifies the type of role/right a person or organization has for an account.</p> <p>rightToUseAlone: Can issue transactions changing the balance of the account on their own.</p> <p>rightToUseWithOther: Can only issue transactions changing the balance of the account together with other party.</p> <p>rightToSeeOnly: Can only view account details, but not issue transactions.</p> <p>[rightToUseAlone, rightToUseWithOther, rightToSeeOnly]</p>	<p>Deliver</p> <p>Specifies the type of role/right a person or organization has for an account.</p> <p>rightToUseAlone: Can issue transactions changing the balance of the account on their own.</p> <p>rightToUseWithOther: Can only issue transactions changing the balance of the account together with other party.</p> <p>rightToSeeOnly: Can only view account details, but not issue transactions.</p> <p>[rightToUseAlone, rightToUseWithOther, rightToSeeOnly]</p>
roles.identifier	<p>*Deliver*</p> <p>Information about the party having a role on the account/agreement.</p>	<p>Deliver</p>
roles.identifier.countryOfResidence	<p>Deliver</p> <p>CountryCode. The country the person or organization belongs to. In ISO 3166-1/Alpha-2 code format.</p>	<p>Deliver</p> <p>CountryCode. The country the person or organization belongs to. In ISO 3166-1/Alpha-2 code format.</p>
roles.identifier.value	<p>Mandatory conditional</p> <p>Personal identification number, D-number or organization number.</p>	<p>Mandatory conditional</p> <p>Personal identification number, D-number or organization number.</p>
roles.identifier.type	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>nationalIdentityNumber: Used for persons. The national identitycode for persons. In Norway this would be P or D numbers from FREG.</p> <p>[countryIdentificationCode, nationalIdentityNumber]</p>	<p>Mandatory conditional</p> <p>countryIdentificationCode: The national registration code for businesses, enterprise, organizations and companies that is retrieved from the National register for organizations. In Norway this would be from BRREG.</p> <p>nationalIdentityNumber: Used for persons. The national identitycode for persons. In Norway this would be P or D numbers from FREG.</p> <p>[countryIdentificationCode, nationalIdentityNumber]</p>
roles.name	<p>*Deliver*</p> <p>Name of the person or organization that has the role on the account/agreement in the time period.</p>	<p>Deliver</p> <p>Name of the person or organization that has the role on the account in the time period.</p>
roles.startDate	<p>*Deliver*</p> <p>Start date for when the party got a role on the account/agreement regardless of the requested time period. This is the last period to be specified if the account/agreement is closed and re-opened. May be null if the data provider does not have a date. ISODate (yyyy-mm-dd).</p>	<p>Deliver</p> <p>Start date for when party got a role on the account. This is the last period to be specified if the account is closed and re-opened.</p>

roles.endDate	<p>*Deliver*</p> <p>End date for when the party lost their rights for a specific role on the account/agreement regardless of the requested time period. This is the last period to be specified if the account/agreement rights have been lost and re-gained. Null No end date if the party is currently still has rights to the account/agreement. ISODate (yyyy-mm-dd).</p>	<p>Deliver</p> <p>End date for when the party lost their rights for a specific role on the account. This is the last period to be specified if the account rights have been lost and re-gained. No end date if the party still has rights to the account.</p>
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