## Agreement API

### Authentication:

The API request requires OAuth 1.0 authentication. Users have to generate the token key, token secret, consumer key, and consumer secret in the Netsuite account first.

### Get Agreement:

The API endpoint is a GET request used to fetch the agreement details. The response JSON contains agreement field’s values as well as the agreement lines, conclusion events, and transactions associated with the agreements. The parameters are optional but the user can add these to filter the data.

#### Parameter:

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Required** |
| id | String | No |
| customer | String | No |

#### Response:

{

"isValid": true,

"message": null,

"data": [

{

"id": "602",

"customer": "Test Customer",

"subsidiary": "Parent Company : Test",

"currency": "US Dollar",

"startDate": "12/1/2021",

"endDate": "2/28/2023",

"term": "12 Month",

"paymentMethod": "Discover",

"requiredMinimum": "",

"createdDate": "12/01/2021 8:05 pm",

"isEvergreen": false,

"status": "Active",

"lines": [

{

  "id": "304",

                        "item": "Test Item",

                        "quantity": "500",

                        "amount": "3000",

                        "startDate": "12/1/2021",

                        "endDate": "12/1/2022",

                        "nextBillingDate": "12/1/2021",

                        "renewalDate": "12/2/2022",

                        "lastBillingDate": "",

                        "status": "Active",

                        "agreementType": "",

                        "priceLevel": "Core Services",

                        "agreementPricingType": "",

                        "createdFromTransactionId": " ",

                        "transactionLineUniqueKey": "",

                        "rate": "6"

}

],

"conclusionEvents": [

{

"id":"7",

                        "agreement": "602"

                        "agreementLineId":"302",

                        "event":"Cancelled",

                        "renewedFrom": "",

                        "effectiveDate":"08/01/2022",

                        "reason":"Not Using Product",

                        "renewedAgreement": ""

}

],

"transactions": [

{

"id": "42724",

"type": "Sales Order",

"documentNumber": "661",

"date": "4/2/2022"

}

]

}

]

}

### Create Agreement:

The API endpoint is a POST request used to create a new agreement. The response JSON is consist of message and data. If a new agreement is successfully created then the data property in the response will have the id of the new agreement.

#### Parameter:

{

"method": "CreateAgreement",

"data": [

{

"customer": "Test Customer",

"subsidiary": "Parent Company: Test",

"term": "24 Months",

"paymentMethod": "Discover",

"currency": "US Dollar",

"requiredMinimum": "",

"startDate": "12/1/2022",

"endDate": "12/1/2024"

}

]

}

#### Response:

{

success: [

{

isValid : true,

message: "Agreement successfully created.",

data: "905"

}

],

fail: []

}

### Update Agreement:

The API endpoint is a PUT request used to update agreement. The response JSON is consist of message and data. If the agreement is successfully updated then the data property in the response will have the id of the updated agreement.

#### Parameter:

{

"method": "UpdateAgreement",

"data": [

{

"id": "905",

"customer": "Test Customer",

"subsidiary": "Parent Company: Test",

"term": "36 Months",

"paymentMethod": "Discover",

"currency": "US Dollar",

"requiredMinimum": "",

"startDate": "12/1/2022",

"endDate": "12/1/2025"

}

]

}

#### Response:

{

success: [

{

isValid : true,

message: "Agreement updated successfully.",

data: "905"

}

],

fail: []

}

### Create Agreement Lines:

The API endpoint is a POST request used to create new agreement lines. The response JSON is consist of a fail and success array. The fail and success array in the response indicates the successfully created lines and the lines that have errors or missing required data.

#### Parameter:

{

"method": "CreateAgreementLines",

"data": [

{

"agreement": "905",

"item": "Test Item",

"quantity": "1",

"rate": "12",

"priceLevel": "",

"billingFreq": "Annual",

"createdFromTransactionId": "91265",

"transactionLineUniqueKey": "1548796",

"agreementPricingType": "",

"agreementLineType": "Subscription",

"requiredMinimum": "",

"isClosed": false,

"startDate": "12/1/2022",

"endDate":"12/1/2024"

}

]

}

#### Response:

[

success: [

{

isValid : true,

message: "Agreement line successfully created.",

data: "1102"

}

],

fail: []

]

### Update Agreement Lines:

The API endpoint is a PUT request used to update existing agreement lines. The response JSON is consist of a fail and success array. The fail and success array in the response indicates the successfully updated lines and the lines that have errors or missing required data.

#### Parameter:

{

"method": "UpdateAgreementLines",

"data": [

{

"id": "1102",

"agreement": "905",

"item": "Test Item",

"quantity": "2",

"rate": "12.5",

"priceLevel": "",

"billingFreq": "Annual",

"createdFromTransactionId": "91265",

"transactionLineUniqueKey": "1548796",

"agreementPricingType": "",

"agreementLineType": "Subscription",

"requiredMinimum": "",

"isClosed": false,

"startDate": "12/1/2022",

"endDate":"12/1/2024"

}

]

}

#### Response:

[

success: [

{

isValid : true,

message: "Agreement line updated successfully.",

data: "1102"

}

],

fail: []

]

### Create Agreement Conclusion Event:

The API endpoint is a POST request used to create new agreement conclusion. This endpoint is used to create conclusion events for agreement and lines cancellation, agreement renewed and agreement merge. The response JSON contain data property for the newly created conclusion event id.

#### Parameter:

{

"method": "CreateAgreementConclusion",

"data": [

{

"agreement": "905"

"agreementLineId": "1102",

"effectiveDate": "12/05/2022",

"event": "Cancelled",

"renewedAgreement": "",

"reason": "Not Using Product"

},

{

"agreement": "805"

"agreementLineId": "",

"effectiveDate": "12/01/2022",

"event": "Renewed",

"renewedAgreement": "905",

"reason": ""

}

]

}

#### Response:

[

success: [

{

isValid : true,

message: "Agreement conclusion successfully created.",

data: "505"

},

{

isValid : true,

message: "Agreement conclusion successfully created.",

data: "506"

},

],

fail: []

]