**AssetsPrivateApi**

**POST Create Normal Withdrawal Order**

POST /api/v1/private/assets/createNormalWithdraw

Body Request Parameters

Copy

{ "accountId": "551109015904453258", "coinId": "1000", "amount": "1.000000", "ethAddress": "0x1fB51aa234287C3CA1F957eA9AD0E148Bb814b7A", "clientWithdrawId": "745410645654877", "expireTime": "1735887600000", "l2Signature": "007bf80407c6a7bb14f5ca3b848a5d908627993f23b073c902e359a6fa4a6a92040cea4c98e25e35ad1d8cc4e18758c463c45bf451299ce55aa49abbdb916d03"}

**Request Parameters**

Name

Location

Type

Required

Description

body

body

[CreateNormalWithdrawParam](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemacreatenormalwithdrawparam)

No

None

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": { "withdrawId": "1054639949233524736" }, "msg": null, "errorParam": null, "requestTime": "1734674558154", "responseTime": "1734674558171", "traceId": "9e3bfe2b9e1ef82583cb96f36e43e537"}

**Response**

Status Code

Status Code Description

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

Default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "createnormalwithdraw)

**POST Create Cross-Chain Withdrawal Order**

POST /api/v1/private/assets/createCrossWithdraw

Body Request Parameters

Copy

{ "accountId": "string", "coinId": "string", "amount": "string", "ethAddress": "string", "erc20Address": "string", "lpAccountId": "string", "clientCrossWithdrawId": "string", "expireTime": "string", "l2Signature": "string", "fee": "string", "chainId": "string", "mpcAddress": "string", "mpcSignature": "string", "mpcSignTime": "string"}

**Request Parameters**

Name

Location

Type

Required

Description

body

body

[CreateCrossWithdrawParam](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemacreatecrosswithdrawparam)

No

None

Response Example

200 Response

Copy

{ "code": "string", "msg": "string", "requestTime": "string", "responseTime": "string"}

**Response**

Status Code

Status Code Description

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

Default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemaresultcreatecrosswithdraw)

**GET User's Normal Withdrawable Amount**

GET /api/v1/private/assets/getNormalWithdrawableAmount

**Request Parameters**

Name

Location

Type

Required

Description

address

query

string

Yes

User address

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": { "amount": "0" }, "msg": null, "errorParam": null, "requestTime": "1734674463329", "responseTime": "1734674464181", "traceId": "6e8a3b8326f00683cf73f701f3edcfb6"}

**Response**

Status Code

Status Code Description

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

Default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemaresultgetnormalwithdrawableamount)

**GET Get Normal Withdrawal Orders by Account ID and Withdrawal ID**

GET /api/v1/private/assets/getNormalWithdrawById

**Request Parameters**

Name

Location

Type

Required

Description

accountId

query

string

No

Account ID

normalWithdrawIdList

query

string

No

Withdrawal ID

Response Example

200 Response

Copy

{ "code": "string", "msg": "string", "requestTime": "string", "responseTime": "string"}

**Response**

Status Code

Status Code Description

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

Default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemaresultlistnormalwithdraw)

**GET Get Information Required for Cross-Chain Withdrawal Signature**

GET /api/v1/private/assets/getCrossWithdrawSignInfo

**Request Parameters**

Name

Location

Type

Required

Description

chainId

query

string

No

Chain ID

amount

query

string

No

Withdrawal amount

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": { "lpAccountId": "542076087396467085", "crossWithdrawL2Key": "0x03bf794b4433e0a8b353da361bb7284c670914d27ed04698e6abed0bf1198028", "crossWithdrawMaxAmount": "48799.686154", "fee": "2" }, "msg": null, "errorParam": null, "requestTime": "1734674557578", "responseTime": "1734674557997", "traceId": "3aa3d5c94c7bc9aef69f590e188058ef"}

**Response**

Status Code

Status Code Description

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

Default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemaresultgetcrosswithdrawsigninfo)

**GET Get Cross-Chain Withdrawal Orders by Account ID and Withdrawal ID**

GET /api/v1/private/assets/getCrossWithdrawById

**Request Parameters**

Name

Location

Type

Required

Description

accountId

query

string

No

Account ID

crossWithdrawIdList

query

string

No

Withdrawal ID

Response Example

200 Response

Copy

{ "code": "string", "msg": "string", "requestTime": "string", "responseTime": "string"}

**Response**

Status Code

Status Code Description

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

Default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemaresultlistcrosswithdraw)

**GET Aggregate Query of All Deposit and Withdrawal Order Records**

GET /api/v1/private/assets/getAllOrdersPage

**Request Parameters**

Name

Location

Type

Required

Description

accountId

query

string

No

Account ID

startTime

query

string

No

Start time, Unix time in seconds

endTime

query

string

No

End time, Unix time in seconds

chainId

query

string

No

Chain ID

typeList

query

string

No

Order type list

size

query

string

No

Number of items per page. Must be > 0 and <= 100.

offsetData

query

string

No

Offset for page retrieval. If not provided, returns first page

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": { "dataList": [ { "orderId": "1054639949233524736", "time": "1734674558", "type": "ORDER\_TYPE\_NORMAL\_WITHDRAW", "status": 3, "amount": "1", "fee": "", "txId": "", "chain": "Sepolia - Testnet", "address": "0x1fB51aa234287C3CA1F957eA9AD0E148Bb814b7A", "coin": "USDT", "chainId": "11155111", "transferSenderAccountId": "0", "transferReceiverAccountId": "0" } ], "nextPageOffsetData": "b3fa59aa-8b42-49a3-9729-d7e89d8d9c8d" }, "msg": null, "errorParam": null, "requestTime": "1734675194541", "responseTime": "1734675194553", "traceId": "d6f1fe9e521e306a49f30158257a07a2"}

**Response**

Status Code

Status Code Description

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

Default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemaresultpagedatassetorder)

**Data Models**

**schemaresultpagedatassetorder**

Name

Type

Required

Constraints

Description

Notes

code

string

false

none

Status code

Returns "SUCCESS" for success, otherwise it's a failure.

data

[PageDataAssetOrder](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemapagedataassetorder)

false

none

Generic paginated return

errorParam

object

false

none

Error parameter information

requestTime

string(timestamp)

false

none

Server request receive time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemapagedataassetorder**

Name

Type

Required

Constraints

Description

Notes

dataList

[[AssetOrder](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemaassetorder)]

false

none

List of data

nextPageOffsetData

string

false

none

Offset for next page

Empty string when there are no further pages.

**schemaassetorder**

Name

Type

Required

Constraints

Description

Notes

orderId

string(int64)

false

none

Order ID

time

string(int64)

false

none

Order creation time

type

string

false

none

Order type

status

integer(int32)

false

none

Order status

amount

string

false

none

Order amount

fee

string

false

none

Order fee

txId

string

false

none

Chain tx\_id

chain

string

false

none

Chain

address

string

false

none

Address

coin

string

false

none

Coin

chainId

string

false

none

Chain ID

transferSenderAccountId

string

false

none

Transfer out account ID

transferReceiverAccountId

string

false

none

Transfer in account ID

**Enum Values**

Property

Value

type

UNKNOWN\_ORDER\_TYPE

type

ORDER\_TYPE\_NORMAL\_DEPOSIT

type

ORDER\_TYPE\_CROSS\_DEPOSIT

type

ORDER\_TYPE\_NORMAL\_WITHDRAW

type

ORDER\_TYPE\_CROSS\_WITHDRAW

type

ORDER\_TYPE\_FAST\_WITHDRAW

type

ORDER\_TYPE\_TRANSFER\_IN

type

ORDER\_TYPE\_TRANSFER\_OUT

type

UNRECOGNIZED

**schemaresultlistcrosswithdraw**

Name

Type

Required

Constraints

Description

Notes

code

string

false

none

Status code

data

[[CrossWithdraw](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemacrosswithdraw)]

false

none

Correct response data

requestTime

string(timestamp)

false

none

Server request receive time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemacrosswithdraw**

Name

Type

Required

Constraints

Description

Notes

id

string(int64)

false

none

Withdrawal order ID

userId

string(int64)

false

none

User ID

accountId

string(int64)

false

none

Account ID

coinId

string(int64)

false

none

Collateral coin ID

amount

string

false

none

Withdrawal amount

ethAddress

string

false

none

ETH address for withdrawal, may differ from the account's ETH address.

erc20Address

string

false

none

L1 ERC20 contract address for the withdrawn asset

lpAccountId

string(int64)

false

none

LP account ID for L2 receiving user transfers

lpAccountL2Key

string(int64)

false

none

L2 key for the receiving account

clientCrossWithdrawId

string

false

none

Client-defined ID for idempotent checks

fee

string

false

none

Transaction fee

chainId

string

false

none

Chain ID for withdrawal

l2Nonce

string(int64)

false

none

L2 signature nonce. First 32 bits of sha256(client\_withdraw\_id)

l2ExpireTime

string(int64)

false

none

L2 signature expiration time. Unix time in hours, must be at least 24 hours after order creation.

l2Signature

[L2Signature](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemal2signature)

false

none

L2 signature information

extraType

string

false

none

Additional type for upper-layer business usage

extraDataJson

string

false

none

Extra data, JSON format, defaults to empty string.

status

string

false

none

Normal withdrawal order status

collateralTransactionId

string

false

none

Related collateral detail ID. Exists when status=SUCCESS\_XXX/FAILED\_L2\_REJECTED

censorTxId

string(int64)

false

none

Censorship processing sequence number. Exists when status=SUCCESS\_XXX/FAILED\_CENSOR\_FAILURE/FAILED\_L2\_REJECTED

censorTime

string(int64)

false

none

Censorship processing time. Exists when status=SUCCESS\_XXX/FAILED\_CENSOR\_FAILURE/FAILED\_L2\_REJECTED

censorFailCode

string

false

none

Censorship failure error code. Exists when status=FAILED\_CENSOR\_FAILURE

censorFailReason

string

false

none

Censorship failure reason. Exists when status=FAILED\_CENSOR\_FAILURE

l2TxId

string(int64)

false

none

L2 transaction ID. Exists when status=SUCCESS\_XXX/FAILED\_CENSOR\_FAILURE/FAILED\_L2\_REJECTED

l2HandleTime

string(int64)

false

none

L2 processing time. Exists when status=SUCCESS\_L1\_CONFIRMING/SUCCESS\_L1\_WITHDRAWING/SUCCESS\_L1\_COMPLETED/FAILED\_L2\_REJECTED

l2RejectCode

string

false

none

L2 reject error code. Exists when status=FAILED\_L2\_REJECTED

l2RejectReason

string

false

none

L2 reject reason. Exists when status=FAILED\_L2\_REJECTED

l1ConfirmedTx

[L1Tx](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemal1tx)

false

none

L1 transaction information

l1ConfirmedTime

string(int64)

false

none

L1 transaction confirmation time

l1CompletedTx

[L1Tx](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemal1tx)

false

none

L1 transaction information

l1CompletedEthAddress

string

false

none

L1 withdrawal completion ETH address

l1CompletedTime

string(int64)

false

none

L1 withdrawal completion time

l1RejectedReasonCode

string

false

none

L1 rejection reason code

l1RejectedReasonMsg

string

false

none

L1 rejection reason message

riskSignature

[L2Signature](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemal2signature)

false

none

L2 signature information

transferOutId

string(int64)

false

none

Transfer out order ID

createdTime

string(int64)

false

none

Creation time

updatedTime

string(int64)

false

none

Update time

**Enum Values**

Property

Value

status

CROSS\_WITHDRAW\_UNKNOWN

status

CROSS\_WITHDRAW\_PENDING\_RISK\_CHECKING

status

CROSS\_WITHDRAW\_PENDING\_CHECKING

status

CROSS\_WITHDRAW\_SUCCESS\_SUBMIT\_CENSOR

status

CROSS\_WITHDRAW\_PENDING\_CENSOR\_CHECKING\_ACCOUNT

status

CROSS\_WITHDRAW\_PENDING\_CENSORING

status

CROSS\_WITHDRAW\_PENDING\_L2\_APPROVING

status

CROSS\_WITHDRAW\_PENDING\_L1\_SUBMIT

status

CROSS\_WITHDRAW\_PENDING\_L1\_CONFIRMING

status

CROSS\_WITHDRAW\_SUCCESS

status

CROSS\_WITHDRAW\_FAILED\_RISK\_CHECK\_FAILURE

status

CROSS\_WITHDRAW\_FAILED\_TRANSFER\_REJECTED

status

CROSS\_WITHDRAW\_FAILED\_CENSOR\_CHECKING\_ACCOUNT\_REJECTED

status

CROSS\_WITHDRAW\_FAILED\_CENSORING

status

CROSS\_WITHDRAW\_FAILED\_L2\_REJECTED

status

CROSS\_WITHDRAW\_FAILED\_L1\_SUBMIT\_REJECTED

status

CROSS\_WITHDRAW\_FAILED\_L1\_REJECTED

status

CROSS\_WITHDRAW\_FAILED\_USER\_BALANCE\_NOT\_ENOUGH

status

UNRECOGNIZED

**schemal1tx**

Name

Type

Required

Constraints

Description

Notes

hash

string

false

none

Transaction hash

index

integer(int32)

false

none

Index of the tx hash

time

string(int64)

false

none

Tx chain timestamp, in milliseconds

blockHeight

string(int64)

false

none

Block height of the tx

**schemal2signature**

Name

Type

Required

Constraints

Description

Notes

r

string

false

none

Bigint for hex string

s

string

false

none

Bigint for hex string

v

string

false

none

Bigint for hex string

**schemaresultgetcrosswithdrawsigninfo**

Name

Type

Required

Constraints

Description

Notes

code

string

false

none

Status code

Returns "SUCCESS" for success, otherwise it's a failure.

data

[GetCrossWithdrawSignInfo](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemagetcrosswithdrawsigninfo)

false

none

Get information required for cross-chain withdrawal signature - Response

errorParam

object

false

none

Error parameter information

requestTime

string(timestamp)

false

none

Server request receive time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemagetcrosswithdrawsigninfo**

Name

Type

Required

Constraints

Description

Notes

lpAccountId

string

false

none

LP account ID for L2 receiving user transfers

crossWithdrawL2Key

string

false

none

L2 key for fast withdrawal account

crossWithdrawMaxAmount

string

false

none

Maximum amount for fast cross-chain withdrawal

fee

string

false

none

Transaction fee

**schemaresultlistnormalwithdraw**

Name

Type

Required

Constraints

Description

Notes

code

string

false

none

Status code

Returns "SUCCESS" for success, otherwise it's a failure.

data

[[NormalWithdraw](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemanormalwithdraw)]

false

none

Correct response data

errorParam

object

false

none

Error parameter information

requestTime

string(timestamp)

false

none

Server request receive time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemanormalwithdraw**

Name

Type

Required

Constraints

Description

Notes

id

string(int64)

false

none

Withdrawal order ID

userId

string(int64)

false

none

User ID

accountId

string(int64)

false

none

Account ID

coinId

string(int64)

false

none

Collateral coin ID

amount

string

false

none

Withdrawal amount

ethAddress

string

false

none

ETH address for withdrawal, may differ from the account's ETH address.

clientWithdrawId

string

false

none

Client-defined ID for idempotent checks

l2Nonce

string(int64)

false

none

L2 signature nonce. First 32 bits of sha256(client\_withdraw\_id)

l2ExpireTime

string(int64)

false

none

L2 signature expiration time. Unix time in hours, must be at least 24 hours after order creation.

l2Signature

[L2Signature](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemal2signature)

false

none

L2 signature information

status

string

false

none

Normal withdrawal order status

tradeWithdrawId

string(int64)

false

none

Corresponding trading service withdraw order ID

riskSignature

[L2Signature](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemal2signature)

false

none

L2 signature information

l1ConfirmedTx

[L1Tx](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemal1tx)

false

none

L1 transaction information

l1ConfirmedTime

string(int64)

false

none

L1 transaction confirmation time

l1CompletedTime

string(int64)

false

none

L1 withdrawal completion time

createdTime

string(int64)

false

none

Creation time

updatedTime

string(int64)

false

none

Update time

**Enum Values**

Property

Value

status

NORMAL\_WITHDRAW\_UNKNOWN

status

NORMAL\_WITHDRAW\_PENDING\_RISK\_CHECKING

status

NORMAL\_WITHDRAW\_PENDING\_TRADE\_PROCESSING

status

NORMAL\_WITHDRAW\_PENDING\_L2\_APPROVING

status

NORMAL\_WITHDRAW\_PENDING\_L1\_CONFIRMING

status

NORMAL\_WITHDRAW\_PENDING\_L1\_WITHDRAWING

status

NORMAL\_WITHDRAW\_SUCCESS\_L1\_COMPLETED

status

NORMAL\_WITHDRAW\_FAILED\_RISK\_CHECK\_FAILURE

status

NORMAL\_WITHDRAW\_FAILED\_CENSOR\_FAILURE

status

NORMAL\_WITHDRAW\_FAILED\_L2\_REJECTED

status

UNRECOGNIZED

**schemaresultgetnormalwithdrawableamount**

| Name | Type Okay, continuing the translated documentation:

Name

Type

Required

Constraints

Description

Notes

code

string

false

none

Status code

Returns "SUCCESS" for success, otherwise it's a failure.

data

[GetNormalWithdrawableAmount](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemagetnormalwithdrawableamount)

false

none

Query normal withdrawable claim amount by user address - Response

errorParam

object

false

none

Error parameter information

requestTime

string(timestamp)

false

none

Server request receive time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemagetnormalwithdrawableamount**

Name

Type

Required

Constraints

Description

Notes

amount

string

false

none

Withdrawable amount

**schemaresultcreatecrosswithdraw**

Name

Type

Required

Constraints

Description

Notes

code

string

false

none

Status code

Returns "SUCCESS" for success, otherwise it's a failure.

data

[CreateCrossWithdraw](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemacreatecrosswithdraw)

false

none

Create cross-chain withdrawal order - Response

errorParam

object

false

none

Error parameter information

requestTime

string(timestamp)

false

none

Server request receive time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemacreatecrosswithdraw**

Name

Type

Required

Constraints

Description

Notes

crossWithdrawId

string(int64)

false

none

Cross-chain withdrawal order ID

**schemacreatecrosswithdrawparam**

Name

Type

Required

Constraints

Description

Notes

accountId

string(int64)

false

none

Account ID

coinId

string(int64)

false

none

Coin ID

amount

string

false

none

Withdrawal amount

ethAddress

string

false

none

Withdrawal address. If empty, withdraw to the corresponding address of the current account.

erc20Address

string

false

none

L1 ERC20 contract address for the withdrawn asset

lpAccountId

string

false

none

LP account ID for L2 receiving user transfers

clientCrossWithdrawId

string

false

none

Client-defined ID, used for signature & idempotent check. Must be filled.

expireTime

string(int64)

false

none

Expiration time

l2Signature

string

false

none

L2 signature

fee

string

false

none

Gas + fee obtained from front-end

chainId

string

false

none

Chain ID for withdrawal

mpcAddress

string

false

none

Which mpc address initiated the withdraw

mpcSignature

string

false

none

Signature of the mpc address to the withdraw field

mpcSignTime

string

false

none

mpc signature timestamp,unix timestamp in seconds

**createnormalwithdraw**

Name

Type

Required

Constraints

Description

Notes

code

string

false

none

Status code

Returns "SUCCESS" for success, otherwise it's a failure.

data

[CreateNormalWithdraw](https://edgex-1.gitbook.io/edgeX-documentation/api/private-api/asset-api" \l "schemacreatenormalwithdraw)

false

none

Create normal withdrawal order - Response

errorParam

object

false

none

Error parameter information

requestTime

string(timestamp)

false

none

Server request receive time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemacreatenormalwithdraw**

Name

Type

Required

Constraints

Description

Notes

withdrawId

string(int64)

false

none

Withdrawal order ID

**schemacreatenormalwithdrawparam**

Name

Type

Required

Constraints

Description

Notes

accountId

string(int64)

false

none

Account ID

coinId

string(int64)

false

none

Coin ID

amount

string

false

none

Withdrawal amount

ethAddress

string

false

none

Withdrawal address. If empty, withdraw to the corresponding address of the current account.

clientWithdrawId

string

false

none

Client-defined ID, used for signature & idempotent check. Must be filled.

expireTime

string(int64)

false

none

Expiration time

l2Signature

string

false

none

L2 signature