1. Register New Account

Register New Account Request

Path and Endpoints

Resource Path: `account/`

Complete endpoint:

DEV:

`https://dev.rewards.net/api/account/?Authorization=key`
PROD:

`https://www.rewards.net/api/account/?Authorization=key`

Method

`POST`

Required Headers

Header	Description
Accept	Acceptable response format. **Format:** Must include the following value: `application/json` **Example:** `Accept:application/json` Since 2.0
Content-Type	Format of the content. **Format:** Must include the following value: `application/json` **Example:** `Content-Type:application/json` Since 2.0

Query Parameters

Parameter	Description
Authorization	*(Required)* Public websec token **Format:** Alphanumeric; maximum 616 characters **Example:** `Authorization=`... Since 2.0

Register New Account Request Parameters

Property	Description
`beginningBalance`	*(Optional)* A value that indicates the beginning balance of a new account. **Format:** Numeric Numeric; maximum 1000 (integer) **Example:** "`beginningBalance`"="`10`" Since 2.0
`alias`	*(Optional)* A value that identifies an account. **Format:** Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters **Example:** "`alias`"="`carrotrabbit`" Since 2.0

Register New Account Response

Field	Description
`id`	The ID that identifies an account. **Format:** Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters Since 2.0
`balance`	Current balance of the account. **Format:** Numeric; maximum 1000 (integer) **Example:** "`balance`"="`10`" Since 2.0
`message`	Description of the result of the transaction. **Format:** Alphanumeric Since 2.0

Register New Account Error Response

Response Status

Property	Description
`status`	HTTPS response status.

	Format: Numeric
	Since 2.0
code	Internal subcode.
	Format: Numeric
	Since 2.0
severity	Severity of the error.
	Format: It is one of the following values:
	• ERROR
	• WARNING
	Since 2.0
message	Description of the error.
	Format: Alphanumeric
	Since 2.0

Example

```
...
"responseStatus" : {
 "status" : 401,
 "code" : 1017,
 "severity" : "ERROR",
  "message" : "Access denied."
}, ...
```

Register New Account Examples

Register New Account Success Example

JSON Request Including Headers

```
POST https://dev.rewards.net/api/account/?Authorization=...
Accept: application/json
```

JSON Request Body

```
{
  "alias" : "carrotrabbit",
   "beginningBalance" : "10"
}
```

JSON Response Including Headers

```
HTTP/1.1: 200 OK
```

```
Content-Type: application/json

{

  "id" : "5475638658u",
  "balance" : "10",
  "message" : "Successfully created new account"
}
```

2. Earn Points

Earn Points Request

Path and Endpoints

Resource Path: `earning/`
Complete endpoint:
DEV:
`https://dev.rewards.net/api/earning/?Authorization=`*key*
PROD:
`https://www.rewards.net/api/earning/?Authorization=`*key*

Method

`POST`

Required Headers

Header	Description
Accept	Acceptable response format. **Format:** Must include the following value: `application/json` **Example:** `Accept:application/json` Since 2.0
Content-Type	Format of the content. **Format:** Must include the following value: `application/json` **Example:** `Content-Type:application/json` Since 2.0

Query Parameters

Parameter	Description
Authorization	*(Required)* Public websec token **Format:** Alphanumeric; maximum 616 characters **Example:** `Authorization`=... Since 2.0

Earn Points Request Parameters

Property	Description
id	*(Optional)* The ID returned by the Register New Account request. You can either specify `id` or you can specify `alias` to identify an account. **Format:** Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters. Since 2.0
alias	A value that identifies an account. You must specify `alias` if you do not specify `id` to identify an account. **Format:** Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters **Example:** "`alias`"="`carrotrabbit`" Since 2.0
points	*(Required)* A number identifying the amount of points to be rewarded. **Format:** Numeric; maximum 1000 (integer) Since 2.0
currencyCode	*(Optional)* The currency with which to process the transaction. If not set here, XBT is used as the default transaction currency code. **Format:** It is one of the following ISO 4217 standard alpha-3 code values: - HKD - Hong Kong Dollar - USD - US Dollar - XBT - Bitcoin Since 2.0

Earn Points Response

Field	Description
message	Description of the result of the transaction. **Format:** Alphanumeric Since 2.0

Earn Points Error Response

Response Status

Property	Description
status	HTTPS response status. **Format:** Numeric Since 2.0
code	Internal subcode. **Format:** Numeric Since 2.0
severity	Severity of the error. **Format:** It is one of the following values: - ERROR - WARNING Since 2.0
message	Description of the error. **Format:** Alphanumeric Since 2.0

Example

```
...
"responseStatus" : {
 "status" : 401,
 "code" : 1017,
 "severity" : "ERROR",
  "message" : "Access denied."
}, ...
```

Earn Points Examples

Earn Points Success Example

JSON Request Including Headers

```
POST https://dev.rewards.net/api/earning/?Authorization=...
Accept: application/json
```

JSON Request Body

```
{
  "alias" : "carrotrabbit",
  "points" : "50"
}
```

JSON Response Including Headers

```
HTTP/1.1: 200 OK

Content-Type: application/json

{
  "message" : "Successfully updated reward."
}
```

3. Redeem Points

Redeem Points Request

Path and Endpoints

Resource Path: `redemption/`

Complete endpoint:

DEV:

`https://dev.rewards.net/api/redemption?Authorization=key`
PROD:

`https://www.rewards.net/api/redemption?Authorization=key`

Method

```
POST
```

Required Headers

Header	Description
Accept	Acceptable response format.
	Format: Must include the following value:

	`application/json`
	Example: `Accept:application/json`
	Since 2.0
`Content-Type`	Format of the content.
	Format: Must include the following value: `application/json`
	Example: `Content-Type:application/json`
	Since 2.0

Query Parameters

Parameter	Description
`Authorization`	*(Required)* Public websec token
	Format: Alphanumeric; maximum 616 characters
	Example: `Authorization=`...
	Since 2.0

Redeem Reward Request Parameters

Property	Description
`id`	*(Optional)* The ID returned by the Register New Account request.
	You can either specify `id` or you can specify `alias` to identify an account.
	Format: Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters.
	Since 2.0
`alias`	A value that identifies an account.
	You must specify `alias` if you do not specify `id` to identify an account.
	Format: Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters
	Example: "`alias`"="`carrotrabbit`"
	Since 2.0
`points`	*(Required)* A number identifying the amount of points to be redeemed.

	Format: Numeric; maximum 1000 (integer)
	Since 2.0
`currencyCode`	*(Optional)* The currency with which to process the transaction. If not set here, XBT is used as the default transaction currency code.
	Format: It is one of the following ISO 4217 standard alpha-3 code values:
	• HKD - Hong Kong Dollar • USD - US Dollar • XBT - Bitcoin
	Since 2.0

Redeem Points Response

Field	Description
`message`	Description of the result of the transaction.
	Format: Alphanumeric
	Since 2.0

Redeem Points Error Response

Response Status

Property	Description
`status`	HTTPS response status.
	Format: Numeric
	Since 2.0
`code`	Internal subcode.
	Format: Numeric
	Since 2.0
`severity`	Severity of the error.
	Format: It is one of the following values:
	• `ERROR`
	• `WARNING`
	Since 2.0
`message`	Description of the error.
	Format: Alphanumeric

	Since 2.0

Example

```
...
"responseStatus" : {
 "status" : 401,
 "code" : 1017,
 "severity" : "ERROR",
  "message" : "Access denied."
}, ...
```

Redeem Points Examples

Redeem Points Success Example

JSON Request Including Headers

```
POST https://dev.rewards.net/api/redemption?Authorization=...
Accept: application/json
```

JSON Request Body

```
{
  "alias" : "carrotrabbit",
   "points" : "50"
}
```

JSON Response Including Headers

```
HTTP/1.1: 200 OK

Content-Type: application/json

{
  "message" : "Successfully redeemed reward."
}
```

4. Query Account

Query Account Request

Path and Endpoints

Resource Path: `account/{id}`

Complete endpoint:

DEV:

`https://dev.rewards.net/api/account/{id}?Authorization=`*key*
PROD:

`https://www.rewards.net/api/account/{id}?Authorization=`*key*

Parameter	Description
`{id}`	*(Required)* The ID that identifies an account. You can either specify `id` returned by the Register New Account request, or you can specify `alias` provided to the Register New Account request to identify an account. **Format:** Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters. Since 2.0

Method

`GET`

Required Headers

Header	Description
`Accept`	Acceptable response format. **Format:** Must include the following value: `application/json` **Example:** `Accept:application/json` Since 2.0
`Content-Type`	Format of the content. **Format:** Must include the following value: `application/json` **Example:** `Content-Type:application/json` Since 2.0

Query Parameters

Parameter	Description
`Authorization`	*(Required)* Public websec token **Format:** Alphanumeric; maximum 616 characters **Example:** `Authorization=`... Since 2.0

Query Account Response

Field	Description
id	The ID that identifies the account. **Format:** Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters. Since 2.0
alias	A value that identifies the account. **Format:** Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters Since 2.0
balance	Current balance of the account. **Format:** Numeric; maximum 1000 (integer) Since 2.0
status	Current status of the account. **Format:** It is one of the following Boolean values: • Enabled • Disabled Since 2.0
message	Description of the result of the transaction. **Format:** Alphanumeric Since 2.0

Query Account Error Response

Response Status

Property	Description
status	HTTPS response status. **Format:** Numeric Since 2.0
code	Internal subcode. **Format:** Numeric Since 2.0

severity	Severity of the error.
	Format: It is one of the following values:
	    • ERROR
	    • WARNING
	Since 2.0

message	Description of the error. **Format:** Alphanumeric Since 2.0

Example

```
...
"responseStatus" : {
 "status" : 401,
 "code" : 1017,
 "severity" : "ERROR",
  "message" : "Access denied."
}, ...
```

Query Account Examples

Query Account Success Example

JSON Request Including Headers

```
GET https://dev.comcast.net/account/carrotrabbit?Authorization=...
Accept: application/json
```

JSON Request Body

```
{
 "alias" : "carrotrabbit"
}
```

JSON Response Including Headers

```
HTTP/1.1: 200 OK

Content-Type: application/json

{
  "message": "Successfully Queried account",
  "data": {
    "id": "5475638658u",
    "alias": "carrotrabbit",
    "status": "Enabled",
```

```
      "balance": "564"
    }
}
```

5. Set Reward Limits

Set Reward Limits Request

Path and Endpoints

Resource Path: `limits/`

Complete endpoint:

DEV:

`https://dev.rewards.net/api/limits/?Authorization=key`
PROD:

`https://www.rewards.net/api/limits/?Authorization=key`

Method

`PUT`

Required Headers

Header	Description
Accept	Acceptable response format. **Format:** Must include the following value: `application/json` **Example:** `Accept:application/json` Since 2.0
Content-Type	Format of the content. **Format:** Must include the following value: `application/json` **Example:** `Content-Type:application/json` Since 2.0

Query Parameters

Parameter	Description
Authorization	*(Required)* Public websec token **Format:** Alphanumeric; maximum 616 characters

| | **Example:** `Authorization=`... |
| | Since 2.0 |

Set Reward Limits Request Parameters

Property	Description
`id`	*(Optional)* The ID returned by the Register New Account request.
	You can either specify `id` or you can specify `alias` to identify an account.
	Format: Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters.
	Example: "`id`"="`5475638658u`"
	Since 2.0
`alias`	A value that identifies an account.
	You must specify `alias` if you do not specify `id` to identify an account.
	Format: Alphanumeric or the following characters: periods, underscores, and hyphens; maximum 50 characters
	Example: "`alias`"="`carrotrabbit`"
	Since 2.0
`maxMonthlyEarning`	*(Optional)* A number indicating the aggregate upper-limit of points to be rewarded per month.
	Format: Numeric; maximum 1000 (integer)
	Example: "`maxMonthlyEarning`"="`1000`"
	Since 2.0
`maxMonthlyRedemption`	*(Optional)* A number indicating the aggregate upper-limit of points to be redeemed per month.
	Format: Numeric; maximum 1000 (integer)
	Example: "`maxMonthlyRedemption`"="`1000`"
	Since 2.0
`minRedemptionSize`	*(Optional)* A number indicating the lower-limit of points to be redeemed per transaction.
	Format: Numeric; maximum 1000 (integer)
	Example: "`minRedemptionSize`"="`10`"
	Since 2.0

minAccountBalance	*(Optional)* A number indicating the lower-limit of accrued points to be redeemed.
	Format: Numeric; maximum 1000 (integer)
	Example: "`minAccountBalance`"="`100`"
	Since 2.0

Set Reward Limits Response

Field	Description
message	Description of the result of the transaction.
	Format: Alphanumeric
	Since 2.0

Set Reward Limits Error Response

Response Status

Property	Description
status	HTTPS response status.
	Format: Numeric
	Since 2.0
code	Internal subcode.
	Format: Numeric
	Since 2.0
severity	Severity of the error.
	Format: It is one of the following values:
	• ERROR
	• WARNING
	Since 2.0
message	Description of the error.
	Format: Alphanumeric
	Since 2.0

Example

```
...
"responseStatus" : {
 "status" : 401,
```

```
 "code" : 1017,
 "severity" : "ERROR",
   "message" : "Access denied."
}, ...
```

Set Reward Limits Examples

Set Reward Limits Success Example

JSON Request Including Headers

```
PUT https://dev.comcast.net/limits/?Authorization=...
Accept: application/json
```

JSON Request Body

```
{
  "alias" : "carrotrabbit",
  "maxMonthlyEarning" : "1000"
}
```

JSON Response Including Headers

```
HTTP/1.1: 200 OK

Content-Type: application/json

{
  "message" : "Successfully set an aggregate upper-limit of points to
be rewarded per month."
}
```