

NFTitle Network - Marketplace API Documentation

Version: 1.0

Host: <https://marketplace.nftitle.network>

Base Path: </api/v1>

Endpoints Overview

1. Account API

GET </account> - Get Account Info

- **Summary:** Fetches the current user's account information.
- **Responses:**
 - **200 OK:** Successful response with account details.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission to access the resource.
 - **404 Not Found:** Resource does not exist.

PUT </account> - Update Account Info

- **Summary:** Updates the current user's account information.
- **Request Body:** [UpdateAccountRequest](#) (JSON)
- **Responses:**
 - **200 OK:** Account updated successfully.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Resource does not exist.

2. Registration API

POST </accounts> - Register Account

- **Summary:** Registers a new account.
- **Request Body:** `RegisterRequest` (JSON)
- **Responses:**
 - `200 OK`: Successful registration.
 - `401 Unauthorized`: User is not logged in.
 - `403 Forbidden`: User lacks permission.
 - `404 Not Found`: Resource does not exist.

GET `/accounts/{address}/nonce` - Get Nonce by Address

- **Summary:** Retrieves the nonce for the given account address.
- **Parameters:**
 - `address` (path, required): The account address.
- **Responses:**
 - `200 OK`: Successful response with the nonce.
 - `401 Unauthorized`: User is not logged in.
 - `403 Forbidden`: User lacks permission.
 - `404 Not Found`: Resource does not exist.

3. Authentication API

POST `/auth` - Authenticate

- **Summary:** Authenticates a user.
- **Request Body:** `AuthRequest` (JSON)
- **Responses:**
 - `200 OK`: Successful authentication.
 - `401 Unauthorized`: User is not logged in.
 - `403 Forbidden`: User lacks permission.
 - `404 Not Found`: Resource does not exist.

4. Media API

POST `/media` - Upload Media

- **Summary:** Uploads media files.
- **Request Body:**
 - `file` (form-data, required): The media file to upload.
 - `featured` (form-data, required): Featured status (string).
- **Responses:**
 - `200 OK`: Successful media upload.
 - `401 Unauthorized`: User is not logged in.

GET /media/{id} - Get Media Details

- **Summary:** Fetches details of a specific media.
- **Parameters:**
 - **id** (path, required): Media ID.
- **Responses:**
 - **200 OK:** Successful response with media details.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Media not found.

5. Assets API

GET /assets - Get List of Assets

- **Summary:** Fetches a paginated list of assets.
- **Parameters:**
 - **offset** (query, optional): Offset for pagination.
 - **limit** (query, optional): Limit of items per page.
- **Responses:**
 - **200 OK:** Successful response with a list of assets.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Resource does not exist.

POST /assets - Create Asset

- **Summary:** Creates a new asset.
- **Request Body:** `CreateAssetRequest` (JSON)
- **Responses:**
 - **200 OK:** Successful asset creation.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Resource does not exist.

POST /assets/upload - Upload Asset

- **Summary:** Uploads a new asset.
- **Request Body:**
 - **file** (form-data, required): The asset file to upload.
- **Responses:**
 - **200 OK:** Successful asset upload.

- **401 Unauthorized:** User is not logged in.

GET /assets/{id} - Get Asset Details

- **Summary:** Fetches details of a specific asset.
- **Parameters:**
 - **id** (path, required): Asset ID.
- **Responses:**
 - **200 OK:** Successful response with asset details.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Asset not found.

GET /asset/{contract_address}/{token_id} - Get Asset by Contract Address and Token ID

- **Summary:** Fetches details of a specific asset by contract address and token ID.
- **Parameters:**
 - **contract_address** (path, required): The contract address.
 - **token_id** (path, required): The token ID.
- **Responses:**
 - **200 OK:** Successful response with asset details.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Asset not found.

6. Creators API

GET /creators - Get List of Creators

- **Summary:** Fetches a list of creators.
- **Parameters:**
 - **q** (query, optional): Query string.
 - **offset** (query, optional): Offset for pagination.
 - **limit** (query, optional): Limit of items per page.
- **Responses:**
 - **200 OK:** Successful response with a list of creators.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Resource does not exist.

GET /creators/{id} - Get Creator Details

- **Summary:** Fetches details of a specific creator.
- **Parameters:**
 - `id` (path, required): Creator ID.
- **Responses:**
 - `200 OK`: Successful response with creator details.
 - `401 Unauthorized`: User is not logged in.
 - `403 Forbidden`: User lacks permission.
 - `404 Not Found`: Creator not found.

GET /creators/{creator_id}/assets - Get Creator's Assets

- **Summary:** Fetches a list of assets by a specific creator.
- **Parameters:**
 - `creator_id` (path, required): Creator ID.
 - `offset` (query, optional): Offset for pagination.
 - `limit` (query, optional): Limit of items per page.
- **Responses:**
 - `200 OK`: Successful response with a list of assets.
 - `401 Unauthorized`: User is not logged in.
 - `403 Forbidden`: User lacks permission.
 - `404 Not Found`: Assets not found.

7. Spotlight API

GET /spotlight/assets/featured - Get Featured Assets

- **Summary:** Fetches a list of featured assets.
- **Responses:**
 - `200 OK`: Successful response with featured assets.
 - `401 Unauthorized`: User is not logged in.
 - `403 Forbidden`: User lacks permission.
 - `404 Not Found`: Assets not found.

GET /spotlight/assets/live - Get Live Assets

- **Summary:** Fetches a list of live assets.
- **Responses:**
 - `200 OK`: Successful response with live assets.
 - `401 Unauthorized`: User is not logged in.
 - `403 Forbidden`: User lacks permission.
 - `404 Not Found`: Assets not found.

GET /spotlight/creators/featured - Get Featured Creators

- **Summary:** Fetches a list of featured creators.
 - **Parameters:**
 - **q** (query, optional): Query string.
 - **offset** (query, optional): Offset for pagination.
 - **limit** (query, optional): Limit of items per page.
 - **Responses:**
 - **200 OK:** Successful response with featured creators.
 - **401 Unauthorized:** User is not logged in.
 - **403 Forbidden:** User lacks permission.
 - **404 Not Found:** Creators not found.
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Definitions

- **RegisterRequest:** Defines the structure for registering a new user account.
- **UpdateAccountRequest:** Defines the structure for updating account information.
- **AuthRequest:** Defines the structure for authenticating a user.
- **CreateAssetRequest:** Defines the structure for creating a new asset.