

# Social Media Service - API Documentation

## Base URL

```
http://localhost:8007/api/v1
```

## Authentication

All endpoints require JWT authentication via Bearer token:

```
Authorization: Bearer <your-jwt-token>
```

## Social Accounts API

### 1. Create Social Account

**POST** /social-accounts

Connect a new social media account.

**Request Body:**

```
{
  "platform": "twitter",
  "account_name": "@username",
  "buffer_profile_id": "buf_123",
  "access_token": "token_123"
}
```

### 2. Get Social Account

**GET** /social-accounts/{id}

### 3. List Social Accounts

**GET** /social-accounts

### 4. Update Social Account

**PUT** /social-accounts/{id}

### 5. Delete Social Account

**DELETE** /social-accounts/{id}

### 6. Test Connection

**POST** /social-accounts/{id}/test-connection

## 7. Sync with Buffer

**POST** /social-accounts/{id}/sync-buffer



## Scheduled Posts API

### 8. Create Scheduled Post

**POST** /posts

**Request Body:**

```
{
  "social_account_id": 1,
  "campaign_id": 1,
  "content": "Post content #hashtag",
  "scheduled_time": "2025-12-25T10:00:00",
  "platform": "twitter",
  "media_urls": ["https://example.com/image.jpg"]
}
```

### 9. Get Scheduled Post

**GET** /posts/{id}

### 10. List Scheduled Posts

**GET** /posts

**Query Parameters:**

- `status` - Filter by status (draft/scheduled/published)
- `platform` - Filter by platform
- `campaign_id` - Filter by campaign

### 11. Update Scheduled Post

**PUT** /posts/{id}

### 12. Delete Scheduled Post

**DELETE** /posts/{id}

### 13. Schedule Post via Buffer

**POST** /posts/{id}/schedule

Schedule a post using Buffer API.

### 14. Bulk Schedule Posts

**POST** /posts/bulk

**Request Body:**

```
{
  "posts": [
    {
      "social_account_id": 1,
      "content": "Post 1",
      "scheduled_time": "2025-12-25T10:00:00"
    }
  ]
}
```

## 15. Get Content Calendar

**GET** /posts/calendar

**Query Parameters:**

- `start_date` - Start date (YYYY-MM-DD)
- `end_date` - End date (YYYY-MM-DD)

## 16. Cancel Scheduled Post

**POST** /posts/{id}/cancel

## 17. Reschedule Post

**POST** /posts/{id}/reschedule



## Post Analytics API

### 18. Record Analytics

**POST** /analytics

**Request Body:**

```
{
  "post_id": 1,
  "views": 1000,
  "likes": 50,
  "shares": 10,
  "comments": 5,
  "engagement_rate": 6.5
}
```

### 19. Get Analytics

**GET** /analytics/{id}

### 20. List Analytics

**GET** /analytics

### 21. Update Analytics

**PUT** /analytics/{id}

## 22. Delete Analytics

**DELETE** /analytics/{id}

## 23. Sync Analytics from Buffer

**POST** /analytics/sync

Sync analytics data from Buffer for all posts.

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# 🎯 Campaigns API

## 24. Create Campaign

**POST** /campaigns

**Request Body:**

```
{
  "name": "Summer Campaign 2025",
  "description": "Summer promotion",
  "start_date": "2025-06-01",
  "end_date": "2025-08-31",
  "status": "active"
}
```

## 25. Get Campaign

**GET** /campaigns/{id}

## 26. List Campaigns

**GET** /campaigns

**Query Parameters:**

- status - Filter by status (active/paused/completed)

## 27. Update Campaign

**PUT** /campaigns/{id}

## 28. Delete Campaign

**DELETE** /campaigns/{id}

## 29. Get Campaign Analytics

**GET** /campaigns/{id}/analytics

Returns aggregated analytics for all posts in the campaign.

## 30. Get Campaign Posts

**GET** /campaigns/{id}/posts

List all posts belonging to a campaign.

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# Buffer Configuration API

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## 31. Create Buffer Config

**POST** /buffer/config

**Request Body:**

```
{
  "access_token": "your-buffer-access-token"
}
```

## 32. Get Buffer Config

**GET** /buffer/config/{id}

## 33. Update Buffer Config

**PUT** /buffer/config/{id}

## 34. Delete Buffer Config

**DELETE** /buffer/config/{id}

## 35. Get Buffer Profiles

**GET** /buffer/profiles

Retrieve all connected Buffer profiles for the authenticated user.

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## Response Format

### Success Response

```
{
  "id": 1,
  "field": "value",
  "created_at": "2025-12-23T10:00:00",
  "updated_at": "2025-12-23T10:00:00"
}
```

### Error Response

```
{
  "detail": "Error message"
}
```

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## Status Codes

- 200 - Success
- 201 - Created
- 400 - Bad Request
- 401 - Unauthorized

- 403 - Forbidden
- 404 - Not Found
- 500 - Internal Server Error
- 503 - Service Unavailable (Buffer API issues)

## Rate Limiting

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- Follows Buffer API rate limits
- 60 requests per minute per user

## Pagination

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List endpoints support pagination:

```
GET /api/v1/posts?skip=0&limit=20
```

## Interactive Documentation

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Visit <http://localhost:8007/docs> for interactive Swagger UI.