

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.

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.

Buffer Configuration API

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.

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"
}
```

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

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

Pagination

List endpoints support pagination:

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

Interactive Documentation

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