Organization Admin API Documentation

Base URL

- **Development**: `http://localhost:3002`
- **Production**: `https://backend.brandambassador.pro`

Authentication

All endpoints require Admin JWT token:

`Authorization: Bearer <admin_jwt_token>`

Test Credentials

- **Demo Admin**: `demo.admin@example.com` / `admin123`

User Management (`/api/users`)

GET `/api/users/organization`

Get all users in your organization - **Response**: `{ success, users, pagination }`

GET `/api/users/organization/analytics`

Get user analytics for your organization - **Response**: `{ success, analytics }`

GET `/api/users/organization/:id`

Get specific organization user - **Response**: `{ success, user }`

PUT `/api/users/organization/:id`

Update organization user - **Body**: `{ first_name, last_name, email, role, status }` - **Response**: `{ success, user }`

PUT `/api/users/organization/:id/status`

Update user status - **Body**: `{ status }` (active, inactive, suspended) - **Response**: `{ success, message }`

POST `/api/users/organization/:id/reset-password`

Reset user password - **Response**: `{ success, newPassword }`

POST `/api/users/organization/bulk-update-status`

Bulk update user status - **Body**: `{ userIds: [1,2,3], status: "active" }`
- **Response**: `{ success, message }`

POST `/api/users/invite`

Invite new user to organization - **Body**: `{ email, first_name, last_name, role }` - **Response**: `{ success, message }`

DELETE `/api/users/organization/:id`

Delete organization user - **Response**: `{ success, message }`

GET `/api/users/analytics`

Get admin analytics dashboard - **Response**: `{ success, analytics }`

GET `/api/users/stats`

Get user statistics - **Response**: `{ success, stats }`

GET `/api/users/activities/recent`

Get recent user activities - **Response**: `{ success, activities }`

Programs Management (`/api/programs`)

GET `/api/programs/organization`

Get all organization programs - **Response**: `{ success, programs }`

GET `/api/programs/organization/:id`

Get specific program details - **Response**: `{ success, program }`

POST `/api/programs/organization`

Create new program - **Body**:

```json
{
  "name": "Social Media Campaign",
  "description": "Promote our brand on social media",
  "points_reward": 50,
  "promotion_link": "https://example.com",
  "status": "active"
}
```

- **Response**: { success, program }

POST /api/programs/organization/create-test

Create test program with sample data - **Response**: { success, program }

PUT /api/programs/organization/:id

Update program - **Body**: { name, description, points_reward, promotion_link, status } - **Response**: { success, program }

PUT /api/programs/organization/:id/status

Update program status - **Body**: { status } (active, inactive, draft) - **Response**: { success, message }

POST /api/programs/organization/bulk-update-status

Bulk update program status - **Body**: { programIds: [1,2,3], status: "active" } - **Response**: { success, message }

DELETE /api/programs/organization/:id

Delete program - **Response**: { success, message }

GET /api/programs/organization/:id/enrollments

Get program enrollments - **Response**: { success, enrollments }

GET /api/programs/organization/:id/activities

Get program activities - **Response**: { success, activities }

GET /api/programs/organization/:id/link-stats

Get program link statistics - **Response**: { success, stats }

Rewards Management (/api/rewards)

GET /api/rewards/organization

Get all organization rewards - **Response**: { success, rewards }

GET /api/rewards/organization/analytics

Get reward analytics - **Response**: { success, analytics }

GET /api/rewards/organization/frequency/:frequency

Get rewards by frequency (daily, weekly, monthly) - **Response**: `{ success, rewards }`

GET /api/rewards/organization/:id

Get specific reward - **Response**: `{ success, reward }`

POST /api/rewards/organization

Create new reward - **Body**:

```
{
  "name": "Gift Card",
  "description": "Amazon gift card",
  "points_required": 500,
  "reward_type": "gift_card",
  "frequency": "monthly"
}
```

- **Response**: `{ success, reward }`

PUT /api/rewards/organization/:id

Update reward - **Body**: `{ name, description, points_required, reward_type, frequency }` - **Response**: `{ success, reward }`

PUT /api/rewards/organization/:id/status

Update reward status - **Body**: `{ status }` (active, inactive) - **Response**: `{ success, message }`

POST /api/rewards/organization/bulk-update-status

Bulk update reward status - **Body**: `{ rewardIds: [1,2,3], status: "active" }` - **Response**: `{ success, message }`

DELETE /api/rewards/organization/:id

Delete reward - **Response**: `{ success, message }`

POST /api/rewards/organization/distribute

Distribute ranking-based rewards - **Body**: `{ frequency: "monthly" }` - **Response**: `{ success, message }`

GET /api/rewards/organization/:id/redemptions

Get reward redemptions - **Response**: { success, redemptions }

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Leaderboards (/api/leaderboards)

GET /api/leaderboards/organization

Get organization leaderboard - **Response**: { success, leaderboard }

GET /api/leaderboards/organization/analytics

Get organization analytics - **Response**: { success, analytics }

GET /api/leaderboards/organization/recent-activities

Get recent activities - **Response**: { success, activities }

GET /api/leaderboards/organization/points-breakdown

Get points breakdown - **Response**: { success, breakdown }

GET /api/leaderboards/organization/user/me

Get current admin stats - **Response**: { success, stats }

GET /api/leaderboards/organization/user/:userId/position

Get user leaderboard position - **Response**: { success, position }

GET /api/leaderboards/organization/user/:userId/history

Get user points history - **Response**: { success, history }

POST /api/leaderboards/organization/award-points

Award points to user - **Body**:

```
{
  "userId": 5,
  "points": 100,
  "reason": "Excellent performance"
}
```

- **Response**: { success, message }

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Link Tracking (`/api/links`)

GET `/api/links/program/:programId/analytics`

Get program link analytics - **Query**: ?dateRange=30d - **Response**: { success, analytics }

GET `/api/links/program/:programId/leaderboard`

Get program link leaderboard - **Query**: ?dateRange=30d&limit=10 - **Response**: { success, data: { leaderboard } }

GET `/api/links/organization/summary`

Get organization link tracking summary - **Query**: ?dateRange=30d - **Response**: { success, data: { summary, topPrograms, platformBreakdown } }

Example Requests

Login as Admin

```
POST /api/auth/login
{
  "email": "demo.admin@example.com",
  "password": "admin123"
}
```

Create Program

```
POST /api/programs/organization
Authorization: Bearer <admin_token>
{
  "name": "Instagram Campaign",
  "description": "Share our posts on Instagram",
  "points_reward": 25,
  "promotion_link": "https://instagram.com/ourcompany",
  "status": "active"
}
```

Award Points

```
POST /api/leaderboards/organization/award-points
Authorization: Bearer <admin_token>
{
  "userId": 3,
  "points": 50,
```

```
  "reason": "Great social media engagement"
}
```

Invite User

```
POST /api/users/invite
Authorization: Bearer <admin_token>
{
  "email": "newuser@example.com",
  "first_name": "John",
  "last_name": "Doe",
  "role": "user"
}
```

Response Format

All responses follow this format:

```
{
  "success": true|false,
  "message": "Response message",
  "data": { ... },
  "error": "Error message (if applicable)"
}
```

Error Codes

- **200**: Success
- **400**: Bad Request
- **401**: Unauthorized (Invalid/expired token)
- **403**: Forbidden (Not admin role)
- **404**: Not Found
- **500**: Internal Server Error

Common Query Parameters

- `page`: Page number (default: 1)
- `limit`: Items per page (default: 20)
- `dateRange`: 7d, 30d, 90d, 1y
- `status`: active, inactive, suspended
- `search`: Search term

Total Admin APIs: 42 endpoints

Last Updated: December 2024