

API Integration Guide

Generated on February 14, 2026

Ticket API Testing Guide

Setup

1. Make sure your Laravel server is running: `php artisan serve` or `php -S localhost:8000 -t public`
2. Ensure you have a tenant with an API token
3. Update the test scripts with your actual tenant slug and API token

API Authentication

All tenant-specific endpoints require the `X-Tenant-API-Token` header with a valid API token.

Available Endpoints

Public Endpoints (No Authentication Required)

Create Tenant

```
curl -X POST http://localhost:8000/api/tenants \
-H "Content-Type: application/json" \
-d '{
  "name": "My Company",
  "description": "Company description",
  "address": "123 Main St",
  "phone": "+1234567890",
  "domain": "mycompany.com",
  "api_enabled": true
}'
```

Response includes API token:

```
{
  "success": true,
  "data": {
    "id": 1,
    "name": "My Company",
    "api_token": "your-generated-api-token-here"
  }
}
```

Protected Endpoints (Require X-Tenant-API-Token Header)

Create a Ticket

```
curl -X POST http://localhost:8000/api/tickets \
-H "Content-Type: application/json" \
-H "X-Tenant-API-Token: YOUR_API_TOKEN" \
-d '{
  "title": "Login Issue",
  "description": "Cannot login to system",
  "priority": "high",
  "category_id": 1
}'
```

Get All Tickets

```
curl -X GET http://localhost:8000/api/tickets \
-H "X-Tenant-API-Token: YOUR_API_TOKEN"
```

Get Specific Ticket

```
curl -X GET http://localhost:8000/api/tickets/1 \
-H "X-Tenant-API-Token: YOUR_API_TOKEN"
```

Update a Ticket

```
curl -X PUT http://localhost:8000/api/tickets/1 \
-H "Content-Type: application/json" \
-H "X-Tenant-API-Token: YOUR_API_TOKEN" \
-d '{
  "title": "Updated Title",
  "status": "in_progress"
}'
```

Delete a Ticket

```
curl -X DELETE http://localhost:8000/api/tickets/1 \  
-H "X-Tenant-API-Token: YOUR_API_TOKEN"
```

Get Tenant Information

```
curl -X GET http://localhost:8000/api/tenant \  
-H "X-Tenant-API-Token: YOUR_API_TOKEN"
```

Automated Testing

Using the Complete Test Script

```
chmod +x complete_api_test.sh  
./complete_api_test.sh
```

This script will:

1. Create a new tenant (and get its API token)
2. Create a ticket using that token
3. Retrieve all tickets for the tenant
4. Show tenant information

Using the Artisan Command

```
php artisan test:ticket-api --tenant-slug=your-tenant --api-token=your-token
```

Expected Response Format

All responses follow this structure:

```
{
  "success": true|false,
  "message": "Response message",
  "data": { ... } | null
}
```

For validation errors:

```
{
  "success": false,
  "message": "Validation error",
  "errors": {
    "field_name": ["Error message"]
  }
}
```

Error Codes

- **401**: Invalid or missing API token
- **403**: API access disabled for tenant
- **404**: Resource not found
- **422**: Validation error
- **500**: Server error