

Supabase Configuration Reference

Project: KCT Admin Dashboard

Created: 2025-08-25

Purpose: Reference document for correct Supabase configuration values



Critical Configuration Values

Authentication Keys

✗ OLD/INCORRECT Values (DO NOT USE)

```
// WRONG - These caused 401 errors
const SUPABASE_SERVICE_ROLE_KEY =
'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjc
```

 CORRECT Values (USE THESE)

```
// CORRECT - Use these for production
const SUPABASE_URL = 'https://qktqcpqdoxwimkgyziov.supabase.co'
const SUPABASE_ANON_KEY =
'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjc  
bGvYtg'
const SUPABASE_SERVICE_ROLE_KEY =
'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjc  
2BZFukLMJ4yBXEaXSuRCLCwdoDoyJ_xo05CbRmM7erHsov8PsNqyo31n-bGvYtg'
```

Environment Configuration

Frontend (.env file)

```
VITE_SUPABASE_URL=https://qktqcpqdoxwimkgyziov.supabase.co
VITE_SUPABASE_ANON_KEY=eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmF
bGvYtG
```



Database Tables Reference

Verified Tables (These exist and are accessible)





-  `orders` - Order management data
-  `admin_notifications` - Admin notification system
-  `products` - Product catalog
-  `analytics` - Analytics and reporting data

Table Access Patterns

For Frontend Data Fetching

```
// Use supabaseAdmin for direct database access (admin operations)
import { supabaseAdmin } from '@utils/supabase'

// Examples:
const { data: orders } = await
supabaseAdmin.from('orders').select('*')
const { data: products } = await
supabaseAdmin.from('products').select('*')
const { data: notifications } = await
supabaseAdmin.from('admin_notifications').select('*')
```

For User-Facing Operations

```
// Use regular supabase client for user operations
import { supabase } from '@utils/supabase'

// For operations that respect RLS policies
const { data, error } = await supabase.from('orders').select('*')
```

Client Configuration

Correct Implementation (`src/utils/supabase.ts`)

```
import { createClient } from '@supabase/supabase-js'

const supabaseUrl = import.meta.env.VITE_SUPABASE_URL!
const supabaseAnonKey = import.meta.env.VITE_SUPABASE_ANON_KEY!

// Standard client (respects RLS)
export const supabase = createClient(supabaseUrl, supabaseAnonKey)

// Admin client (bypasses RLS) - USE THIS FOR ADMIN DASHBOARD
export const supabaseAdmin = createClient(
  supabaseUrl,

  'eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJzdXBhYmFzZSIsInJlZiI6InFrdHFjc0ZBZmUkLMj4yBXEaXSUzRCLCwdoDoyJxo05CbRmM7erHsov8PsNqyo31n-bGvYtg'
)
```

Common Issues & Solutions

Issue: 401 Unauthorized Errors

Cause: Wrong service role key or using regular client instead of admin client

Solution:

1. Verify service role key matches the correct value above
2. Use `supabaseAdmin` for all admin dashboard operations
3. Never use the old/incorrect key ending in `...NbG4Fq0V6YfLBJRp0HtmRWVdGDYrWDKY5VFBUnNXjM`

Issue: Tables Not Found

Cause: Typo in table names or accessing non-existent tables

Solution: Use exact table names listed above

Issue: RLS Policy Blocking Access

Cause: Using regular `supabase` client for admin operations

Solution: Switch to `supabaseAdmin` client



Security Notes



IMPORTANT: The service role key has full database access. Only use it in:

- Admin dashboards
- Server-side operations
- Trusted environments



NEVER use service role key in:

- Public websites
- Client-side user applications
- Shared environments



Troubleshooting Checklist

When connecting website to admin dashboard, verify:

- ☐ Supabase URL is correct: `https://qktqcpqdoxwimkgyziov.supabase.co`
- ☐ Service role key matches the correct value (ends with `...n-bGvYtg`)
- ☐ Using `supabaseAdmin` client for database operations
- ☐ Table names are spelled correctly
- ☐ No hardcoded old keys in the codebase



Change Log

2025-08-25: Fixed critical service role key issue

- **Problem:** Wrong hardcoded service role key causing 401 errors

- **Solution:** Updated `src/Utils/supabase.ts` with correct key

- **Files Modified:** `kct-admin-dashboard/src/Utils/supabase.ts`

Last Updated: 2025-08-25

Next Review: When adding new tables or modifying authentication